



BONNEY

ALLENTOWN, PA. U.S.A

Tools

for **AUTOMOTIVE**

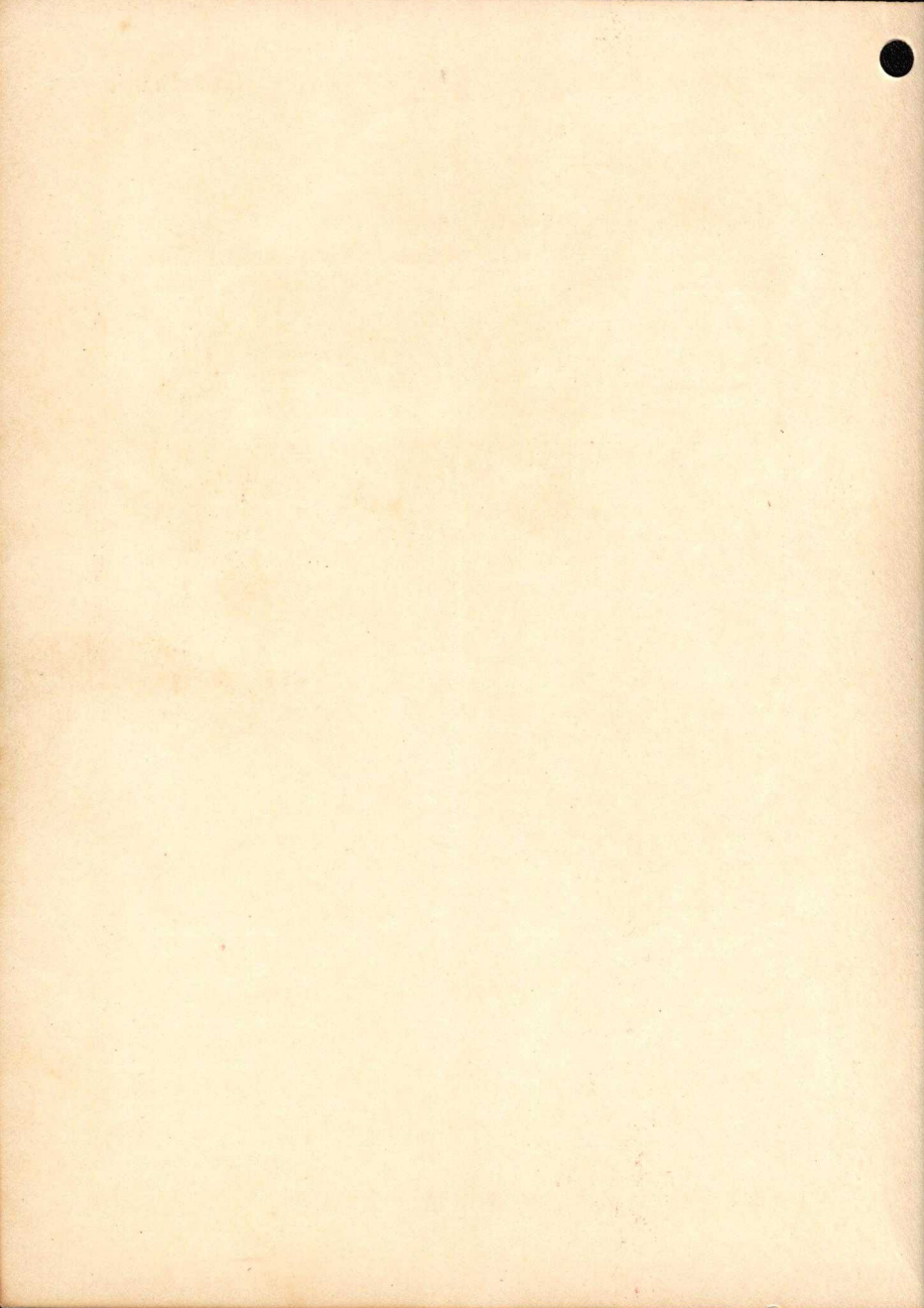
AVIATION

REFRIGERATION

INDUSTRIAL

MARINE

FARM



Guarantee

ALL BONNEY TOOLS are made from the finest obtainable steels to meet normal conditions to which the tool would be subjected. Each Bonney Tool is individually and rigidly inspected before leaving the factory, and is guaranteed against defects in workmanship and/or materials. Any tool that does not live up to this guarantee will be replaced or repaired free of charge.

Free replacement cannot be made if inspection shows that:—tools have been hammered or used with a device for adding extra leverage—tools have been ground thinner or changed in design—tools have been used on oversized or undersized nuts—tools have been used for any purpose other than that for which they have been designed.

Bonney Tools cannot be replaced free of charge that show normal wear and tear—damage from contact with hot wires—damage resulting from alterations or tampering—breakage from abuse or overload.

Bonney Pliers, Punches, Chisels or Screw Drivers cannot be replaced or repaired free of charge that show they have been used for other than their intended purpose, or that show damage to cutting edges resulting from use on hardened materials or tempered steel wire.

All Bonney Tools must be returned to the factory in Allentown, Penna., with charges prepaid, for examination before any adjustment will be made.

BONNEY FORGE & TOOL WORKS
Allentown, Pa.

YOU AND YOUR JOBBER

You've undoubtedly heard quite a bit about the "Get It From Your Jobber" idea. Perhaps you haven't given too much thought to it because you think of it in terms of batteries and plugs and carburetors and rings and replacement parts of all types.

These are things that someone else pays for.

But start thinking about why you should buy the **tools**—that **you** pay for—from your local jobber.

Buying tools from your jobber offers you a number of advantages. It's convenient. Your jobber is as close as your telephone when you can't get down to his place of business.

Because he's doing business with your shop daily, he's interested in you . . . in seeing that you get the right tools to help you do the job right.

He's an established business man with a reputation for square dealing and you can count on him to stand behind the tools he sells you. What's more, you can always reach him when you need him.

Last but by no means least, good jobbers everywhere carry Bonney tools—tools designed and built to do a better job for you . . . tools backed by a real guarantee.

This means that no matter how far you travel, up and down and across the country, you can always get the right "matched tools" as you fill out your Bonney tool set.

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When It's BONNEY . . . It's The BEST



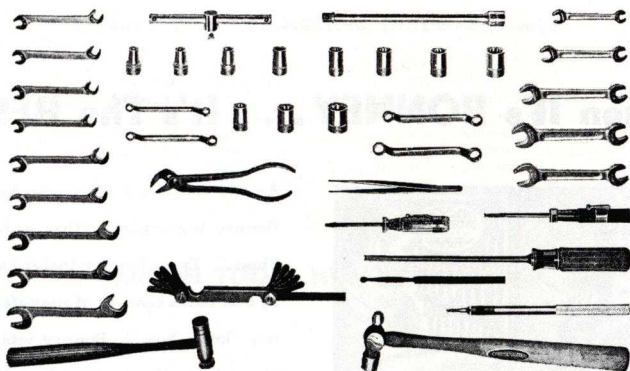
Among America's finest mechanics, Bonney is simply another word for "best." Every Bonney tool is backed by over half a century of manufacturing "know-how." Bonney was first to produce alloy tools and continues to pioneer tool design and development.

Bonney tools are top choice with you and other first flight mechanics because of the rigid standards by which they are produced. Lightness, Strength, Balance and Precision—these are the watchwords for the skilled workmen who make Bonney Tools.

As a perfectionist in your profession, you have a right to demand precision-made tools—tools guaranteed to stand up under toughest working conditions. Brother, you can't go wrong with Bonney Tools.



TOOL SETS



No. VM10B in Metal Box & No. VM10 Tools Only Socket and Tool Set . 41 Pieces

1/4 INCH SQUARE DRIVE

The Bonney VM10 Set is a complete set of extra-small and miniature tools, containing 1/4" square drive sockets and attachments, miniature open end and box wrenches, small punches and chisels, screw drivers, hammers, and miscellaneous tools.

Designed for "tune-up" and ignition specialists and those who service and install radios, electrical appliances and other small apparatus where parts are small and space in which to work is limited. VM10B is packed in metal box MB32, 11" x 6" x 1"; VM10 in cardboard box. Contents are as follows:

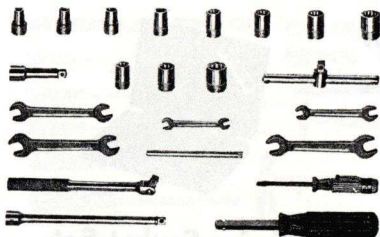


MB32

No.	Description	No.	Description
1/4" SQ. DRIVE SOCKET & ATTACHMENTS		OPEN-END WRENCHES (Continued)	
V6	3/16" Hexagon Socket	E22	9/32" at 15° end, 5/16" at 60° end
V7	1/32" Hexagon Socket	E24	5/16" at 15° end, 9/32" at 60° end
V8	7/32" Hexagon Socket	E26	11/32" at 15° end, 7/8" at 60° end
V9	9/32" Hexagon Socket	E28	7/8" at 15° end, 1 1/2" at 60° end
V10	5/16" Hexagon Socket	E30	7/8" at 15° end, 1 1/2" at 60° end
V11	11/32" Hexagon Socket	H10	3/16" & 7/32" Miniature
V12	7/16" Hexagon Socket	H12	1/4" & 9/32" Miniature
V14	7/16" Hexagon Socket	H14	5/16" & 11/32" Miniature
VS8	1/4" Double Square Socket	H16	3/8" & 7/16" Miniature
VS10	5/16" Double Square Socket	H18	1 1/32" & 1 5/32" Miniature
VS12	3/8" Double Square Socket	SCREW DRIVERS	
V17	Sliding "T" Handle, 4 1/2" long	001	Pocket Size, 2" blade, 1/8" tip
V18	Extension, 6" long	E02	2" Blade, 1/8" tip (neon tube)
BOX WRENCHES		006	6" Blade, 3/16" tip
E40	3/16" & 13/64" Extra-Small, Hexagon opening	MISCELLANEOUS TOOLS	
E42	7/32" & 15/64" Extra Small, Hexagon opening	B35	Ignition Plier
E44	1/4" & 9/32" Extra-Small, Dble. Hex. open.	E55	Tweezer, 5" long
E46	5/16" & 11/32" Extra-Small, Dble. Hex. open.	SS29	Screw Starter, 9" long
OPEN-END WRENCHES		PH1	2 oz. Ball Pein Hammer
E14	13/64" at 15° end, 15/64" at 60° end	PH17	1 1/2 oz. Soft-face Hammer
E16	15/64" at 15° end, 13/64" at 60° end	5	Point File
E18	7/32" at 15° end, 7/4" at 60° end	Ignition Feeler Gauge	
E20	7/4" at 15° end, 7/32" at 60° end	K52	

Net Weight 3 3/4 lbs.

TOOL SETS



MB12

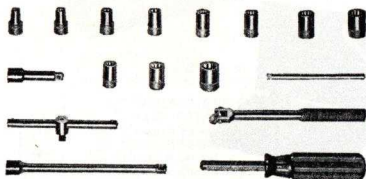
Bonney VM5 Set for electrical, radio, ignition work. VM5B is packed in metal box MB12, 6" x 4" x 1"; VM5 in cardboard box. The set contains:

No. VM5B & VM5 Socket and Tool Set • 23 Pieces

1/4 INCH SQUARE DRIVE

No.	Description	No.	Description
1/4" SQUARE DRIVE SOCKETS AND ATTACHMENTS			
V6	3/16" Hexagon Socket	V18	Extension, 6" long
V7	7/32" Hexagon Socket	V19	Extension, 2" long
V8	1/4" Hexagon Socket	V22	Screw Driver Handle, non-conductor type, 6" overall
V9	9/32" Hexagon Socket	V26	Hinge Handle, 5 3/4" long
V10	5/16" Hexagon Socket	V27	Cross Handle, 3 1/2" long for V26
V11	11/32" Hexagon Socket	MINIATURE OPEN-END WRENCHES	
V12	3/8" Hexagon Socket	H10	3/16" & 7/32" openings
V14	7/16" Hexagon Socket	H12	5/16" & 9/32" openings
V8	1 1/2" Double Square Socket	H14	5/16" & 11/32" openings
V510	5 1/8" Double Square Socket	H16	3/8" & 7/32" openings
V512	3 1/8" Double Square Socket	H18	13/32" & 1 1/8" openings
V17	Sliding "T" Handle, 4 1/2" long	001	Pocket Size Screw Driver, non-conductor type

Net Weight 2 lbs.



MB12

No. V51B & V51 Extra Small Series Socket Set

1/4 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS • 17 Pieces

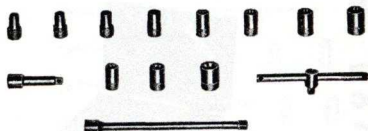
Bonney V51 Set for adjustments to distributors, carburetors, generators, etc. V51B is packed in metal box MB12, 6" x 4" x 1"; V51 in cardboard box. Contents are as follows:

No.	Description	No.	Description
V6	3/16" Hexagon Socket	V510	5/16" Double Square Socket
V7	7/32" Hexagon Socket	V512	3/8" Double Square Socket
V8	1/4" Hexagon Socket	V17	Sliding "T" Handle, 4 1/2" long
V9	9/32" Hexagon Socket	V18	Extension, 6" long
V10	5/16" Hexagon Socket	V19	Extension, 2" long
V11	11/32" Hexagon Socket	V22	Screw Driver Handle, non-conductor type, 6" long
V12	3/8" Hexagon Socket	V26	Hinge Handle, 5 3/4" long
V14	7/16" Hexagon Socket	V27	Cross Handle, 3 1/2" long for V26
V58	1 1/4" Double Square Socket		

Net Weight 1 3/4 lbs.



TOOL SETS



MB12

No. V50B & V50 Extra-Small Series Socket Set

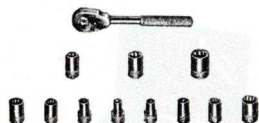
1/4 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS 14 Pieces

The Bonney V50 Set contains the most necessary extra-small 1/4" square drive sockets and attachments for electrical, radio, ignition work, etc.

V50B is packed in metal box MB12, 6" x 4" x 1"; V50 in cardboard box. Set includes one each of the following:

No.	Description	No.	Description
V6	3/16" Hexagon Socket	V14	7/16" Hexagon Socket
V7	7/32" Hexagon Socket	V58	1/4" Double Square Socket
V8	9/32" Hexagon Socket	V510	5/16" Double Square Socket
V9	5/16" Hexagon Socket	V512	3/8" Double Square Socket
V10	11/32" Hexagon Socket	V18	Extension, 6" long
V11	5/8" Hexagon Socket	V19	Extension, 2" long
V12		V17	Sliding "T" Handle, 4 1/2" long

Net Weight 1 lb. 5 oz.



MB12

V53B & V53 Socket and Ratchet Set

1/4 INCH SQUARE DRIVE SOCKET & RATCHET SET 12 Pieces

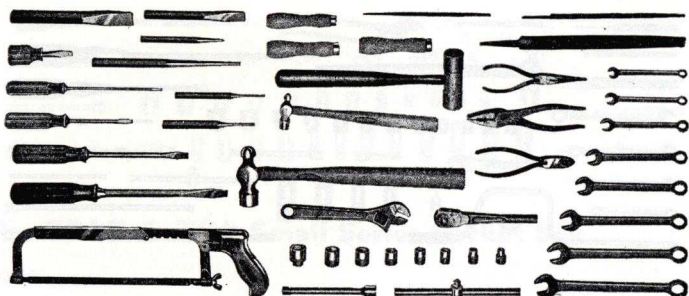
The Bonney V53 Set contains the most necessary extra-small 1/4" square drive sockets and is designed for electrical, radio, ignition work, distributors, carburetors, etc.

V53B is packed in metal box MB12, 6" x 4" x 1"; V53 in cardboard box. Set includes one each of the following:

No.	Description	No.	Description
V6	3/16" Hexagon Socket	V12	3/16" Hexagon Socket
V7	7/32" Hexagon Socket	V14	7/16" Hexagon Socket
V8	9/32" Hexagon Socket	V58	1/4" Double Square Socket
V9	5/16" Hexagon Socket	V510	5/16" Double Square Socket
V10	11/32" Hexagon Socket	V512	3/8" Double Square Socket
V11		V25	Reversible Ratchet, 4 1/2" long

Net Weight 1 lb. 3 oz.

TOOL SETS



No. TM10B & TM10 Socket and Tool Set

44 Pieces

$\frac{3}{8}$ INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB48

The Bonney TM10 Set contains the most necessary $\frac{3}{8}$ " square drive single hexagon sockets and attachments, combination box and open end wrenches, pliers, screw drivers, hammers, punches and chisels, and miscellaneous tools.

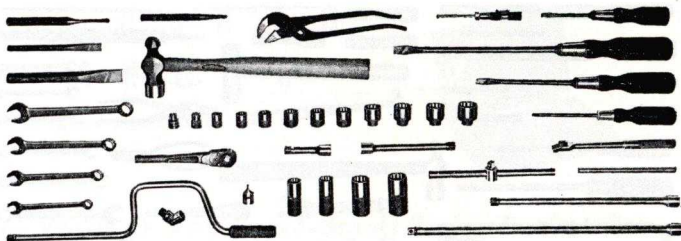
Designed especially for the aeronautical engine mechanic, TM10B is packed in metal box MB48, 19" x 8" x 5", with a sliding removable tray, carrying handle, padlock hasp, and end catches; TM10 in cardboard box. The set is composed of:

No.	Description	No.	Description
	$\frac{3}{8}$" SQUARE DRIVE SOCKETS AND ATTACHMENTS		SCREW DRIVERS
TH10	$\frac{5}{16}$ " Hexagon Socket	04	Round Shank, $\frac{1}{4}$ " x 4" Blade
TH12	$\frac{3}{8}$ " Hexagon Socket	06	Round Shank, $\frac{5}{16}$ " x 6" Blade
TH14	$\frac{7}{16}$ " Hexagon Socket	S01	Adjusting, $\frac{1}{4}$ " x $1\frac{3}{4}$ " Blade
TH16	$\frac{1}{2}$ " Hexagon Socket	S08	Square Shank, $\frac{1}{2}$ " x 8" Blade
TH18	$\frac{9}{16}$ " Hexagon Socket	006	Electricians', $\frac{3}{16}$ " x 6" Blade
TH20	$\frac{5}{8}$ " Hexagon Socket		HAMMERS
TH22	$1\frac{1}{16}$ " Hexagon Socket	PH1	2 oz. Ball Pein
TH24	$\frac{3}{4}$ " Hexagon Socket	PH6	$\frac{3}{4}$ lb. Ball Pein
T4	Extension, 6" long	PH15	8 oz. Soft Face, with two regular tips
T35	Reversible Ratchet, 7" long		PUNCHES AND CHISELS
T36	Sliding "T" Handle, 8" long	C3	Flat Chisel, $\frac{5}{8}$ " cut
	WRENCHES	C5	Flat Chisel, $\frac{3}{8}$ " cut
1159	$\frac{5}{16}$ " Combination	C36	Long Taper Punch, $\frac{3}{16}$ " point
1160	$\frac{3}{8}$ " Combination	C38	Pin Punch, $\frac{1}{8}$ " point
1161	$\frac{7}{16}$ " Combination	C39	Pin Punch, $\frac{3}{16}$ " point
1162	$\frac{1}{2}$ " Combination	C34	Center Punch, 5" long
1163	$\frac{9}{16}$ " Combination		MISCELLANEOUS
1164	$\frac{5}{8}$ " Combination	2628	Adjustable Hack Saw Frame and Blade
1165	$1\frac{1}{16}$ " Combination		6" Round Bastard File
1166	$\frac{3}{4}$ " Combination		8" Extra Slim Taper File
BW8	8" Open End Adjustable		10" Half-Round Bastard File
	PLIERS		Small File Handle
B26	7" Combination Side Cutter		Two Medium File Handles
B17	6" Diagonal Cutting		
B25	6" Long Nose Side Cutting		

Net Weight 27 lbs.



TOOL SETS



No. TM5B & TM5 Socket and Tool Set

42 Pieces

3/8 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB48

The Bonney TM5 Set contains all the most useful 3/8" square drive double hexagon sockets and attachments, combination box and open end wrenches, chisels, punches, screw drivers, and an adjustable plier and ball pein hammer.

TM5B is packed in metal box MB48, 19" x 8" x 5", with a sliding removable tray, carrying handle, padlock hasp, and end catches; TM5 in cardboard box. The set includes one each of the following:

No.	Description	No.	Description
	3/8" SQUARE DRIVE SOCKETS AND ATTACHMENTS		
T10	5/16" Double Hexagon Socket	T30	Hinge Handle, 8 1/2" long
T12	3/8" Double Hexagon Socket	T31	Extension, 3" long
T14	7/16" Double Hexagon Socket	T32	Cross Handle, 6" long
T16	1/2" Double Hexagon Socket	T35	Reversible Ratchet, 7" long
T18	9/16" Double Hexagon Socket	T36	Sliding "T" Handle, 8" long
T19	19/32" Double Hexagon Socket		WRENCHES
T20	3/4" Double Hexagon Socket	1161	7/16" Combination Wrench
T22	11/16" Double Hexagon Socket	1162	1/2" Combination Wrench
T24	3/4" Double Hexagon Socket	1163	9/16" Combination Wrench
T25	25/32" Double Hexagon Socket	1164	3/8" Combination Wrench
T26	13/16" Double Hexagon Socket		MISCELLANEOUS
T128	7/8" Double Hexagon Socket.	B34	Pump Plier
LT30	3/4" Extra-Deep Dbl. Hex. Socket, 2 1/4"	C2	Flat Chisel, 7/16" cut
LT32	11/16" Extra-Deep Dbl. Hex. Socket, 2 1/2"	C4	Flat Chisel, 3/4" cut
LT36	13/16" Extra-Deep Dbl. Hex. Socket, 2 1/2"	C34	Center Punch
LT28	7/8" Extra-Deep Dbl. Hex. Socket, 2 1/2"	C29	Pin Punch, 3/16" point
T3	Universal Joint	E02	Screw Driver (Neon Tube), 1/8" x 2 1/4" blade
T4	Extension, 6" long	W03	Wood Handle Screw Driver, 7/32" x 3" blade
T5	Extension, 12" long	W06	Wood Handle Screw Driver, 5/16" x 6" blade
T6	Extension, 17" long	W010	Wood Handle Screw Driver, 7/16" x 10" blade
T9	Speeder, 17 1/2" long	WP2	Wood Handle Screw Driver, for Phillips Screws Nos. 5 to 9 inc.
T27	Drag Link Socket	PH6	3/4 lb. Ball Pein Hammer

Net Weight 20 1/2 lbs.

TOOL SETS



No. TD4B & TD4 Small Series Socket Set

39 Pieces

3/8 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB48

The Bonney TD4 Set is a complete set of small series sockets and attachments, including 3/8" square drive double hexagon, extra deep double hexagon, double square, and flexible double hexagon sockets and attachments.

TD4B is packed in metal box MB48, 19" x 8" x 5", with sliding removable tray, carrying handle, padlock hasp, and end catches; TD4 in cardboard box. Contents are as follows:

No.	Description	No.	Description
T3	Universal Joint	TS20	3/8" Double Square Socket, 1 1/2" long
T4	Extension, 6" long	TU14	7/16" Flexible Double Hexagon Socket
T5	Extension, 12" long	TU16	1/2" Flexible Double Hexagon Socket
T6	Extension, 17" long	TU18	9/16" Flexible Double Hexagon Socket
T9	Speeder, 17 1/2" long	TU20	5/8" Flexible Double Hexagon Socket
T10	5/16" Double Hexagon Socket	LT14	7/16" Extra Deep Double Hexagon Socket
T12	3/8" Double Hexagon Socket	LT16	1/2" Extra Deep Double Hexagon Socket
T14	7/16" Double Hexagon Socket	LT18	9/16" Extra Deep Double Hexagon Socket
T16	1/2" Double Hexagon Socket	LT20	5/8" Extra Deep Double Hexagon Socket
T18	9/16" Double Hexagon Socket	LT22	1 1/16" Extra Deep Double Hexagon Socket
T19	1 3/32" Double Hexagon Socket	LT24	3/4" Extra Deep Double Hexagon Socket
T20	5/8" Double Hexagon Socket	LT26	13/16" Extra Deep Double Hexagon Socket
T22	1 1/16" Double Hexagon Socket	LT28	7/8" Extra Deep Double Hexagon Socket
T24	3/4" Double Hexagon Socket	T27	Drag Link Socket
T25	2 5/32" Double Hexagon Socket	T30	Hinge Handle, 8 1/2" long
T26	1 3/16" Double Hexagon Socket	T31	Extension, 3" long
T128	7/8" Double Hexagon Socket	T32	Cross Handle, 6" long
TS14	7/16" Double Square Socket, 1 1/2" long	T35	Reversible Ratchet, 7" long
TS16	1/2" Double Square Socket, 1 1/2" long	T36	Sliding "T" Handle, 8" long
TS18	9/16" Double Square Socket, 1 1/2" long		

Net Weight 16 lbs.

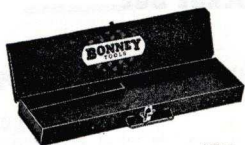


TOOL SETS



No. TD12B & TD12 Set

$\frac{3}{8}$ INCH SQUARE DRIVE 21 Pieces

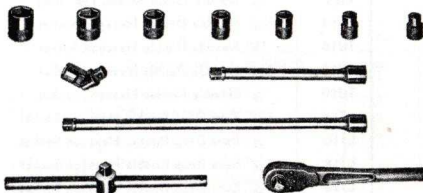


MB44

The Bonney TD12 Set contains all the most useful $\frac{3}{8}$ " square drive double hexagon sockets and attachments. TD12B is packed in metal box MB44, 18" x 4" x 2", with carrying handle; TD12 in cardboard box. Contents of the set are:

No.	Description
T10	$\frac{5}{16}$ " Dbl. Hexagon Socket
T12	$\frac{3}{8}$ " Dbl. Hexagon Socket
T14	$\frac{7}{16}$ " Dbl. Hexagon Socket
T16	$\frac{1}{2}$ " Dbl. Hexagon Socket
T18	$\frac{9}{16}$ " Dbl. Hexagon Socket
T19	$\frac{19}{32}$ " Dbl. Hexagon Socket
T20	$\frac{5}{8}$ " Dbl. Hexagon Socket
T22	$\frac{11}{16}$ " Dbl. Hexagon Socket
T24	$\frac{3}{4}$ " Dbl. Hexagon Socket
T3	Universal Joint
T4	Extension, 6" long
T5	Extension, 12" long
T6	Extension, 17" long
T7	$\frac{1}{2}$ " Crow Foot Attachment
T8	$\frac{9}{16}$ " Crow Foot Attachment
T9	Speeder, 17 $\frac{1}{2}$ " long
T27	Drag Link Socket
T30	Hinge Handle, 8 $\frac{1}{2}$ " long
T32	Cross Handle, 6" long
T35	Reversible Ratchet, 7" long
T36	Sliding "T" Handle, 8" long

Net Weight 7 $\frac{1}{2}$ lbs.



No. TD3B & TD3 Set

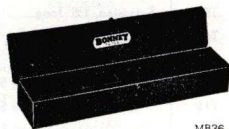
$\frac{3}{8}$ INCH SQUARE DRIVE 12 Pieces

The Bonney TD3 Set contains all the most necessary $\frac{3}{8}$ " square drive single hexagon sockets and attachments.

TD3B is packed in metal box MB36, 13" x 3" x 2"; TD3 in cardboard box. This popular set contains one each of the listed numbers:

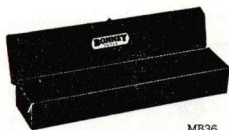
No.	Description
TH10	$\frac{5}{16}$ " Hexagon Socket
TH12	$\frac{3}{8}$ " Hexagon Socket
TH14	$\frac{7}{16}$ " Hexagon Socket
TH16	$\frac{1}{2}$ " Hexagon Socket
TH18	$\frac{9}{16}$ " Hexagon Socket
TH20	$\frac{5}{8}$ " Hexagon Socket
TH22	$\frac{11}{16}$ " Hexagon Socket
T3	Universal Joint
T4	Extension, 6" long
T5	Extension, 12" long
T35	Reversible Ratchet, 7" long
T36	Sliding "T" Handle, 8" long

Net Weight 2 $\frac{3}{4}$ lbs.

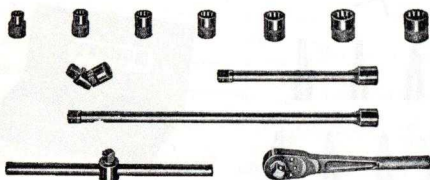


MB36

TOOL SETS



MB36



No. TD1IIB & TD1I

$\frac{3}{8}$ INCH SQUARE DRIVE 12 Pieces

The Bonney TD1I Set contains the most necessary $\frac{3}{8}$ " square drive double hexagon sockets and attachments. TD1IIB is packed in metal box MB36, 13" x 3" x 2"; TD1I in cardboard box. The set includes:

No.	Description
T10	$\frac{5}{16}$ " Dbl. Hexagon Socket
T12	$\frac{3}{8}$ " Dbl. Hexagon Socket
T14	$\frac{7}{16}$ " Dbl. Hexagon Socket
T16	$\frac{1}{2}$ " Dbl. Hexagon Socket
T18	$\frac{9}{16}$ " Dbl. Hexagon Socket
T19	$1\frac{1}{32}$ " Dbl. Hexagon Socket
T20	$\frac{5}{8}$ " Dbl. Hexagon Socket
T3	Universal Joint
T4	Extension, 6" long
T5	Extension, 12" long
T35	Reversible Ratchet, 7" long
T36	Sliding "T" Handle, 8" long
Net Weight 2 $\frac{3}{4}$ lbs.	



MB36

No. TD1B & TD1 Set

$\frac{3}{8}$ INCH SQ. DRIVE 7 Pieces

Double hexagon sockets and ratchet. TD1B is packed in metal box MB36, 13" x 3" x 2"; TD1 in cardboard box.

No.	Description
T10	$\frac{5}{16}$ " Double Hexagon Socket
T12	$\frac{3}{8}$ " Double Hexagon Socket
T14	$\frac{7}{16}$ " Double Hexagon Socket
T16	$\frac{1}{2}$ " Double Hexagon Socket
T18	$\frac{9}{16}$ " Double Hexagon Socket
T20	$\frac{5}{8}$ " Double Hexagon Socket
T35	Reversible Ratchet, 7" long



MB36

No. TD2B & TD2 Set

$\frac{3}{8}$ INCH SQ. DRIVE 7 Pieces

Single hexagon sockets and ratchet. TD2B is packed in metal box MB36, 13" x 3" x 2"; TD2 in cardboard box.

No.	Description
TH10	$\frac{5}{16}$ " Single Hexagon Socket
TH12	$\frac{3}{8}$ " Single Hexagon Socket
TH14	$\frac{7}{16}$ " Single Hexagon Socket
TH16	$\frac{1}{2}$ " Single Hexagon Socket
TH18	$\frac{9}{16}$ " Single Hexagon Socket
TH20	$\frac{5}{8}$ " Single Hexagon Socket
T35	Reversible Ratchet, 7" long



TOOL SETS



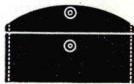
MB8

No. TB5B & TB5 Set

$\frac{3}{8}$ IN. SQ. DRIVE 8 Pieces

For body and door-frame work where force is required in breaking loose or setting screws. TB5B is packed in metal box MB8, size $4\frac{1}{2}$ " x 2" x $\frac{3}{4}$ "; TB5 in cardboard box. The set contains:

No.	Description
TP1	Fits Phillips Screws No. 4 and smaller
TP2	Fits Phillips Screws Nos. 5 to 9 inc.
TP3	Fits Phillips Screws Nos. 10 to 16 inc
TP4	Fits Phillips Screws No. 18 and larger
TCL3	Fits Clutch Head Screw Sizes #4, #8, #10
TCL5	Fits Clutch Head Screw Sizes #12, #14, $\frac{1}{4}$ "
TCL7	Fits Clutch Head Screw Sizes $\frac{5}{16}$ ", $\frac{3}{8}$ "
AW2 $\frac{1}{2}$	Hexagon Key for changing blades



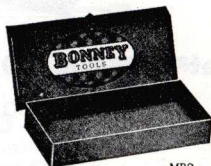
LR5

No. TB3R & TB3 Set

$\frac{3}{8}$ IN. SQ. DRIVE 9 Pieces

Same as above set using one socket only. TB3R packed in leatherette. TB3 in cardboard box.

No.	Description
TP1	No. 4 and smaller
TP2	Nos. 5 to 9 inc.
TP3	Nos. 10 to 16 inc.
TP4	No. 18 and larger
TCL3	Sizes #4, #8, #10
TCL5	Sizes #12, #14, $\frac{1}{4}$ "
TCL7	Sizes $\frac{5}{16}$ ", $\frac{3}{8}$ "
TPC	Drive Socket
AW2 $\frac{1}{2}$	Hex Key



MB8

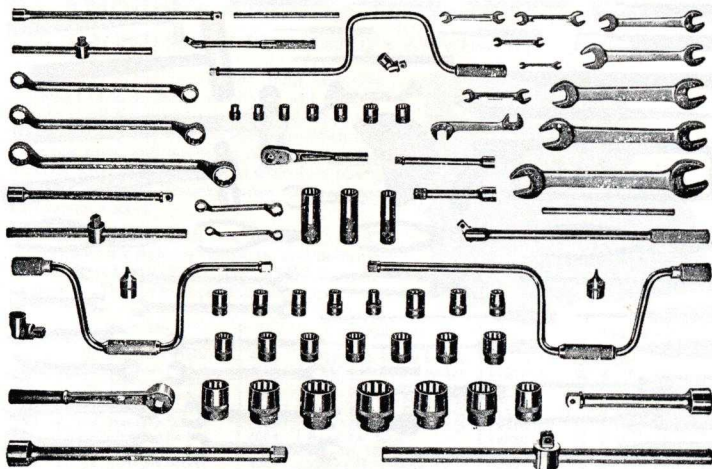
No. TWB & TW Set

$\frac{3}{8}$ IN. SQ. DRIVE 8 Pieces

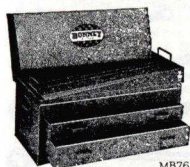
Made for all popular sizes of set screws or cap screws. TWB is packed in metal box MB8, $4\frac{1}{2}$ " x 2" x $\frac{3}{4}$ "; TW in cardboard box. The set contains:

Tool No.	Size Hex Bit	Size Drive	For Set Screw	For Cap Screw
TW4	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	#8
TW5	$\frac{5}{32}$	$\frac{3}{8}$	$\frac{5}{16}$	#10 & #12
TW6	$\frac{3}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$ "
TW7	$\frac{7}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{5}{16}$ "
TW8	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$ " & $\frac{7}{16}$ "
TW10	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{2}$ "
TW12	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{4}$	
AW2 $\frac{1}{2}$	Hex Key			

TOOL SETS



No. AM44B & AM44 Socket and Tool Set . 70 Pieces



MB76

3/8, 1/2, 3/4 INCH SQ. DRIVE SOCKETS & ATTACHMENTS

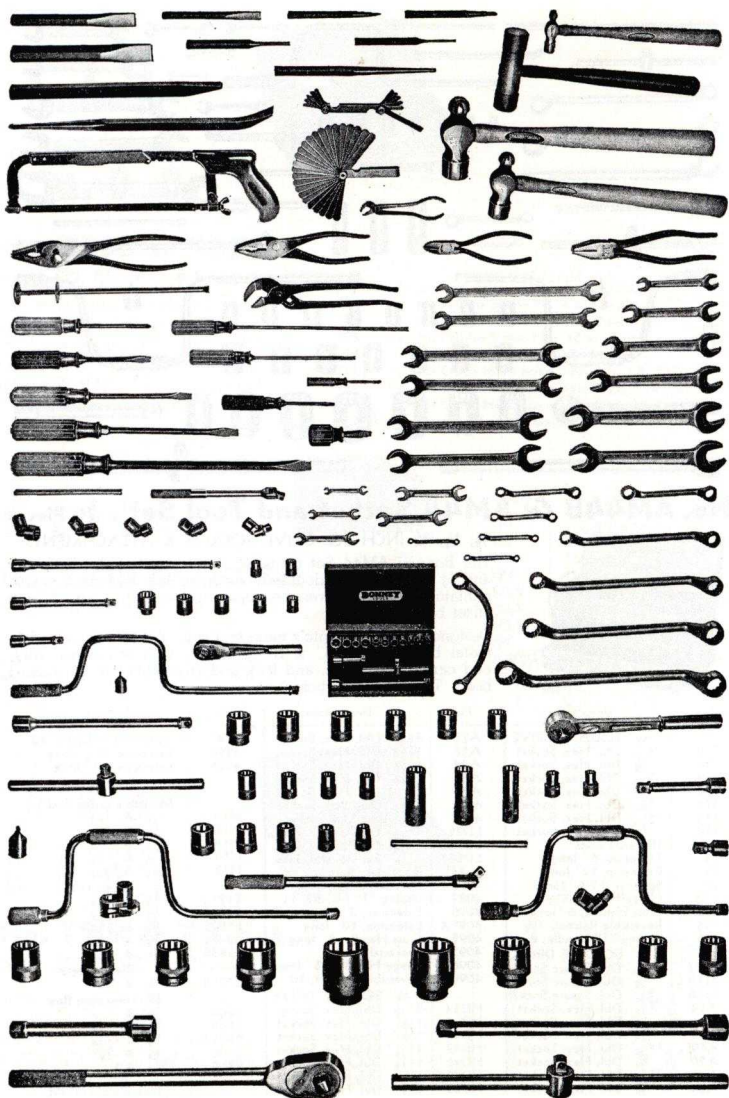
The Bonney AM44 Set contains all the most useful 3/8", 1/2" and 3/4" square drive double hexagon sockets and attachments, miniature open end wrenches, open end wrenches, and double offset box wrenches.

Designed as a mechanic's main tool set. AM44B is packed in metal box MB76, 23" x 11" x 10 1/4", with removable tray, end carrying handles, and lock and key; AM44 in cardboard box. The set is composed of:

No.	Description	No.	Description	No.	Description
T10	3/8" SQUARE DRIVE	A25	2 5/32" Dbl. Hex. Socket	4287	Sliding "T" Handle, 20"
T12	5/16" Dbl. Hex. Socket	A26	13/16" Dbl. Hex. Socket	4290	Extension, 8 1/2" long
T14	3/8" Dbl. Hex. Socket	A28	7/8" Dbl. Hex. Socket	4291	Extension, 17" long
T16	7/16" Dbl. Hex. Socket	A30	15/16" Dbl. Hex. Socket		WRENCHES
T18	1/2" Dbl. Hex. Socket	A32	1" Dbl. Hex. Socket		Miniature Open End
T19	9/16" Dbl. Hex. Socket	4001	1 5/16" Drag Link Socket	H10	3/16" & 7/32"
T30	1 1/32" Dbl. Hex. Socket	4002	1 1/4" Drag Link Socket	H12	5/16" & 9/32"
T3	Universal Joint	LD22	1 1/16" Ex. Dp. Dbl. Hex.	H14	5/16" & 11/32"
T4	Extension, 6" long	LD26T	1 3/16" Ex. Dp. Dbl. Hex.	H16	3/8" & 7/16"
T5	Extension, 12" long	LD28T	Brace, 14" long	H18	13/32" & 15/32"
T9	Speeder, 17 1/2" long	4084	Speeder, 19 3/8" long		Open End
T30	Hinge Handle, 6" long	4085	Sliding "T" Handle, 11"	E1214	3/8" & 7/16"
T32	Cross Handle, 6" long	4087	Extension, 5" long	E1618	1/2" & 9/16"
T35	Reversible Ratchet, 7 1/2"	4090	Extension, 10" long	E2022	3/8" & 11/16"
T36	Sliding "T" Handle, 8"	4091X	Cross Handle, 8" long	E2426	3/4" & 13/16"
	1/2" SQUARE DRIVE	4092	Universal Joint	E2830	7/8" & 15/16"
4114	7/16" Dbl. Square Socket	4095	Hinge Handle, 15" long		Right Angle
4116	1/2" Dbl. Square Socket	4096	Reversible Ratchet, 10"	2725B	1/2" & 9/16"
4118	9/16" Dbl. Square Socket	4098	3/4" SQUARE DRIVE		Dbl. Hexagon Box
A14	7/16" Dbl. Hex. Socket	HD34	1 1/16" Dbl. Hex. Socket	2804	3/8" & 7/16"
A16	1/2" Dbl. Hex. Socket	HD36	1 1/8" Dbl. Hex. Socket	2805	1/2" & 9/16"
A18	9/16" Dbl. Hex. Socket	HD40	1 1/4" Dbl. Hex. Socket	2807A	3/8" & 11/16"
A19	1 1/16" Dbl. Hex. Socket	HD42	1 3/16" Dbl. Hex. Socket	2808	3/4" & 7/8"
A20	1 1/8" Dbl. Hex. Socket	HD46	1 7/16" Dbl. Hex. Socket	2810	15/16" & 1"
A22	1 1/2" Dbl. Hex. Socket	HD48	1 1/2" Dbl. Hex. Socket		Net Weight 60 lbs.
A24	3/4" Dbl. Hex. Socket	HD52	1 5/8" Dbl. Hex. Socket		



TOOL SETS



TOOL SETS

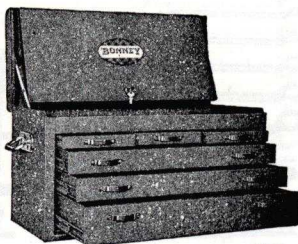


No. AM60B & AM60 Socket and Tool Set . 142 Pieces

1/4, 3/8, 1/2, 3/4 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS

The Bonney AM60 Set is the most complete assortment of tools that a mechanic will require. It contains all the most useful 1/4", 3/8", 1/2" and 3/4" sockets and attachments; miniature open end wrenches; open end wrenches; miniature double offset box wrenches; Zenel tappet wrenches; pliers, hammers, punches, chisels, screw drivers and miscellaneous tools.

AM60B is packed in metal box MB82, 26" x 12" x 14 1/2", with six slide-pull drawers, end carrying handles, three-bar lock and key; AM60 in cardboard case. The set includes the following:

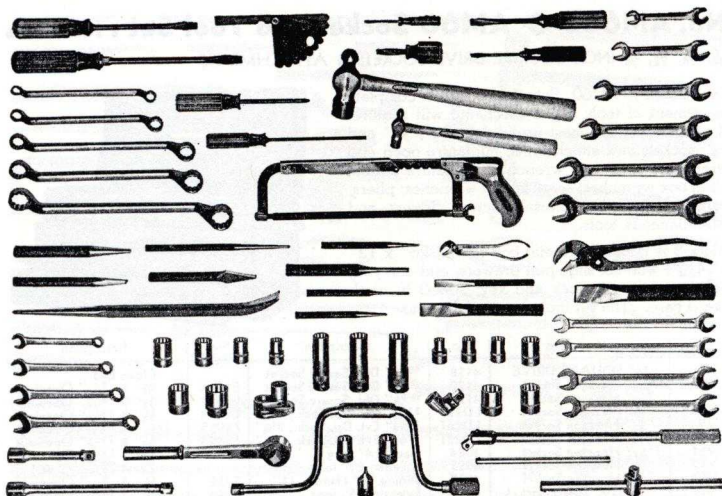


No.		Description	No.		Description	No.		Description
V6	3/16"	SQUARE DRIVE Hexagon Socket	4118	9/16"	Dbl. Square Socket			Open End
V7	7/32"	Hexagon Socket	4120	5/8"	Dbl. Square Socket	E1214	3/8" & 7/16"	Openings
V8	1/4"	Hexagon Socket	4124	3/4"	Dbl. Square Socket	E1618	1/2" & 9/16"	Openings
V9	5/16"	Hexagon Socket	LD22	1 1/16"	Ext. Dp. Sock., 3/4"	E2022	5/8" & 1 1/16"	Openings
V10	5/16"	Hexagon Socket	LD26T	1 3/16"	Ext. Dp. Sock., 3/4"	E1925	1 9/32" & 25/32"	Openings
V11	1 1/32"	Hexagon Socket	LD28T	7/8"	Ext. Dp. Sock., 3/4"	E2426	3/4" & 13/16"	Openings
V12	3/8"	Hexagon Socket	4084	Brace, 14"	long	E2830	7/8" & 15/16"	Openings
V14	7/16"	Hexagon Socket	4085	Speeder, 20"	long			Zenel Tappet (2 ea.)
V58	1/4"	Dbl. Square Socket	4087	Sliding "T" Handle, 11"		3422	1 1/2" & 9/16"	Openings
V510	5/16"	Dbl. Square Socket	4090	Extension, 5"	long	3424	5/8" & 1 1/16"	Openings
V512	3/8"	Dbl. Square Socket	4090B	Extension, 2"	long	3426	3/4" & 7/8"	Openings
V17	5/16"	Dbl. Square Socket	4091X	Extension, 10"	long			PLIERS
V18	Sliding "T" Handle, 4 1/2"		4092	Cross Handle, 8"	long	B26		7" Comb. Side Cutter
V19	Extension, 6" long		4095	Universal Joint		B28		10" Slip Joint with Cutter
	Extension, 2" long		4096	Hinge Handle, 15"	long	B17		Diagonal Cutting
			4098	Reversible Ratchet, 10"		B83		8" Lineman's Cutting
						B34		Pump Plier
						B35		Ignition Plier
T12	3/8"	SQUARE DRIVE Dbl. Hex. Socket	HD32	1"	Dbl. Hex. Socket			HAMMERS
T14	7/16"	Dbl. Hex. Socket	HD34	1 1/16"	Dbl. Hex. Socket	PH1		2 oz. Ball Pein
T16	1/2"	Dbl. Hex. Socket	HD36	1 1/8"	Dbl. Hex. Socket	PH7		1 lb. Ball Pein
T18	5/8"	Dbl. Hex. Socket	HD40	1 1/4"	Dbl. Hex. Socket	PH10		2 lb. Ball Pein
T20	3/4"	Dbl. Hex. Socket	HD42	1 5/16"	Dbl. Hex. Socket	PH20		1 lb. Soft Face
T22	1 1/16"	Dbl. Hex. Socket	HD46	1 1/2"	Dbl. Hex. Socket			PUNCHES & CHISELS
T24	3/4"	Dbl. Hex. Socket	HD48	1 5/8"	Dbl. Hex. Socket	C2		Flat, 7/16" cut
T27		Drag Link Socket	HD52	1 13/16"	Dbl. Hex. Socket	C4		Flat, 3/4" cut
T3		Universal Joint	HD54	1 11/16"	Dbl. Hex. Socket	C6		Flat, 1" cut
T4		Extension, 6" long	HD58	1 13/16"	Dbl. Hex. Socket	C21		Solid Punch, 1/16" point
T9		Extension, 12" long	4285	Reversible Ratchet, 20"		C26		Lg. Taper Punch, 3/16" pt.
T30		Speeder, 17 1/2" long	4287	Sliding "T" Handle, 20"		C28		Pin Punch, 1/8" point
T31		Hinge Handle, 8 1/2" long	4290	Extension, 8 1/2" long		C29		Pin Punch, 3/16" point
T32		Extension, 3" long	4291	Extension, 17" long		C34		Center Punch
T33		Cross Handle, 6" long				C36		Rivet Buster, 3/8" cut
T35		Reversible Ratchet, 7"				C38		Pry or Pinch Bar, 16"
TU14	7/16"	Flex. Dbl. Hex. Sock.	WRENCH ASSORTMENT					
TU16	1/2"	Flex. Dbl. Hex. Sock.	Box Wrenches					
TU18	3/8"	Flex. Dbl. Hex. Sock.	Extra-Small, Short Type					
TU20	5/8"	Flex. Dbl. Hex. Sock.	and Long Type					
A14	1/4"	SQUARE DRIVE Dbl. Hex. Socket	E40	3/16" & 1/8"	Hexagon	001		SCREW DRIVERS
A16	5/16"	Dbl. Hex. Socket	E42	7/32" & 1/16"	Hexagon	CP2		Pocket Size, 2" blade
A18	3/8"	Dbl. Hex. Socket	E44	1/4" & 9/32"	Dbl. Hex.	006		For Phillips Screws 5 to 9
A19	19/32"	Dbl. Hex. Socket	E46	5/16" & 11/32"	Dbl. Hex.	0010		Electricians', 6" blade
A20	5/8"	Dbl. Hex. Socket	2804	3/8" & 7/16"	Dbl. Hex.	E03		Electricians' (Neon Tube)
A22	1 1/16"	Dbl. Hex. Socket	2805	1/2" & 9/16"	Dbl. Hex.	S01		Adjusting, 1 3/4" blade
A24	3/4"	Dbl. Hex. Socket	2805L	1/2" & 9/16"	Dbl. Hex.	S04		Square Shank, 4" blade
A25	25/32"	Dbl. Hex. Socket	2807A	3/8" & 1 1/16"	Dbl. Hex.	06		Round Shank, 6" blade
A26	1 1/16"	Dbl. Hex. Socket	2808	3/4" & 7/8"	Dbl. Hex.	08		Round Shank, 8" blade
A28	7/8"	Dbl. Hex. Socket	2810	1 5/16" & 1"	Dbl. Hex.	S012		Square Shank, 12" blade
A30	1 5/16"	Dbl. Hex. Socket						MISCELLANEOUS
A32	1 1/16"	Dbl. Hex. Socket	H10		Miniature Open End	2591		Stud Wrench, 5/16" to 3/4"
4001		Drag Link Socket	H12	3/16" & 7/32"	Openings	2881		Starter Manifold Wrench
4114	1/4"	Dbl. Square Socket	H14	1/4" & 1/32"	Openings	K8		8" Handy Holding Tool
4116	1/2"	Dbl. Square Socket	H16	3/16" & 7/32"	Openings	K52		Ignition Feeler Gauge
			H18	13/32" & 15/32"	Openings	K53		Univ. Mast. Feeler Gauge
						2628		Adjustable Hack Saw

Net Weight 128 lbs.



TOOL SETS



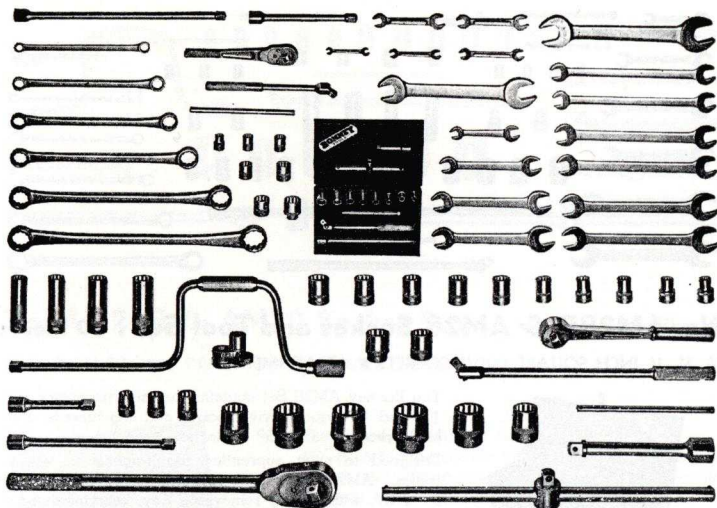
No. AM36B & AM36 Socket & Tool Set 1/2 INCH SQ. DRIVE SOCKETS & ATTACHMENTS

The Bonney 72 piece AM36 Set contains all the most useful 1/2" square drive sockets and attachments; combination wrenches; open end wrenches; double offset box wrenches; punches, chisels, screw drivers, and miscellaneous tools. Designed as a mechanic's main tool set. AM36B is packed in metal box MB76, 23" x 11" x 10 1/4"; AM36 in cardboard box.

MB76					
No.	Description	No.	Description	No.	Description
	1/2" SQUARE DRIVE	4098	Reversible Ratchet, 10"	C15	Diam. Pt. Chisel, 1/4" cut
A14	7/16" Dbl. Hex. Socket		WRENCHES	C21	Solid Punch, 1/16" point
A16	1/2" Dbl. Hex. Socket	1161	7/16" Combination	C23	Lg. Taper Punch, 5/32" pt.
A18	9/16" Dbl. Hex. Socket	1162	1/2" Combination	C28	Pin Punch, 1/8" point
A19	5/8" Dbl. Hex. Socket	1163	9/16" Combination	C30	Pin Punch, 1/4" point
A20	3/4" Dbl. Hex. Socket	1164	1" Combination	C34	Center Punch
A21	11/16" Dbl. Hex. Socket	E1214	Zenel Open End	C38	Pry or Pinch Bar, 16" long
A24	3/4" Dbl. Hex. Socket	E1618	7/8" & 1 1/8"		SCREW DRIVERS
A25	25/32" Dbl. Hex. Socket	E2022	5/8" & 1 1/8"	001	Pocket Size, 2" blade
A26	1 1/8" Dbl. Hex. Socket	E1925	19/32" & 25/32"	E03	Elect. (neon tube), 3" blade
A28	1 1/16" Dbl. Hex. Socket	E2426	3/4" & 13/16"	S01	Adjusting, 1 3/4" blade
A30	1 5/16" Dbl. Hex. Socket	E2830	7/8" & 1 5/16"	S04	Square Shank, 4" blade
A32	1 7/8" Dbl. Hex. Socket		Zenel Tap, (2)	06	Round Shank, 6" blade
LD22	1 1/16" Ex. Dp. Dbl. Hex.	3422	1 1/2" & 9/16"	08	Round Shank, 8" blade
LD26T	1 3/16" Ex. Dp. Dbl. Hex.	3424	5/8" & 1 1/16"	006	Electricians, 6" blade
LD28T	7/8" Ex. Dp. Dbl. Hex.		Dbl. Hex. Box	CP2	for Phillips Screws 5 to 9
4116	7/8" Dbl. Sq. Socket	2804L	3/8" & 7/16"		MISCELLANEOUS
4118	1 1/16" Dbl. Sq. Socket	2805L	1/2" & 9/16"	PH1	2 oz. Ball Pein Hammer
2591	Stud Wr., 5/16" to 3/4"	2807A	3/8" & 1 1/16"	PH7	1 lb. Ball Pein Hammer
4001	15/16" Drag Link Socket	2808	3/4" & 7/8"	B34	Pump Plier
4084	Brace, 14" long	2810	1 5/16" & 1"	B35	Ignition Plier
4087	Sliding "T" Handle, 11"		CHISELS & PUNCHES	2628	Adjustable Hack Saw
4090	Extension, 5" long	C2	Flat Chisel, 7/16" cut	K54	Standard Feeler Gauge
4091X	Extension, 10" long	C4	Flat Chisel, 3/4" cut		
4092	Cross Handle, 8" long	C6	Flat Chisel, 1" cut		
4095	Universal Joint	C12	Cape Chisel, 1/4" cut		
4096	Hinge Handle				

Net Weight 57 lbs.

TOOL SETS



No. AM48B & AM48 Socket and Tool Set . 83 Pieces



MB76

1/4, 3/8, 1/2, 3/4 INCH SQ. DRIVE SOCKETS & ATTACHMENTS

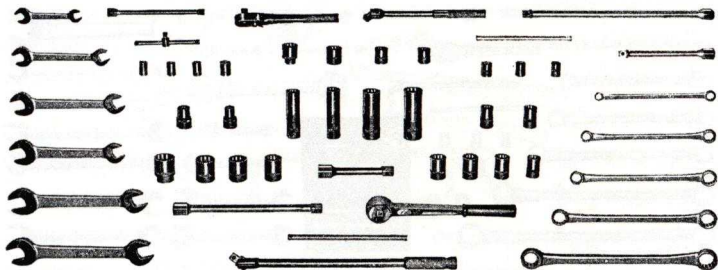
The Bonney AM48 Set contains all the most useful 1/4", 3/8", 1/2" and 3/4" square drive sockets and attachments; miniature open end wrenches; open end wrenches; 15° angle box wrenches; tappet wrenches and a stud wrench.

AM48B is packed in a metal box MB76, 23" x 11" x 10 1/4", with removable tray, end carrying handles, and lock and key. AM48 in cardboard box.

No.	Description	No.	Description	No.	Description
V6	1/4" SQUARE DRIVE	A18	9/16" Double Hexagon Socket	4285	Reversible Ratchet, 30"
V7	3/8" Hexagon Socket	A19	19/32" Double Hexagon Socket	4287	Sliding "T" Handle, 20"
V7	7/32" Hexagon Socket	A20	5/8" Double Hexagon Socket	4290	Extension, 8 1/2" long
V9	9/16" Hexagon Socket	A22	11/16" Double Hexagon Socket	WRENCHES	
V10	5/8" Hexagon Socket	A24	1 1/16" Double Hexagon Socket	Miniature Open End	
V11	1 1/32" Hexagon Socket	A25	25/32" Double Hexagon Socket	H10	3/16" & 7/32"
V12	Hexagon Socket	A26	1 1/8" Double Hexagon Socket	H12	1/4" & 9/32"
V13	Hexagon Socket	A28	1 1/4" Double Hexagon Socket	H14	5/16" & 11/32"
V14	7/16" Hexagon Socket	A30	1 1/2" Double Hexagon Socket	H16	3/8" & 7/16"
V17	Sliding "T" Handle, 4 1/2"	A32	1 5/8" Double Hexagon Socket	H18	13/32" & 15/32"
V18	Extension, 6" long	LD20	5" Ext. Deep, 3 1/2" long	Tappet Wrenches (2 ea.)	
V19	Extension, 2" long	LD22	11 1/8" Ext. Deep, 3 1/2" long	422	5/8" & 9/16"
V26	Hinge Handle, 3 1/4" long	LD26T	13 1/8" Ext. Deep, 3 1/4" long	424	5/8" & 11/16"
V27	Cross Handle, 3 1/2" for V26	LD28T	7 1/8" Ext. Deep, 3 1/4" long	426	3/4" & 7/8"
SQUARE DRIVE		4114	Double Square Socket	Open End Wrenches	
T12	3/8" Double Hexagon Socket	4116	5/8" Double Square Socket	E1214	1 1/2" & 7/16"
T14	1/2" Double Hexagon Socket	4118	3/4" Double Square Socket	E1618	1 1/2" & 7/16"
T16	Double Hexagon Socket	4085	Screwdriver, 20" long	E2022	1 1/2" & 7/16"
T18	9/16" Double Hexagon Socket	4090	Extension, 5" long	E1923	19/32" & 25/64"
T20	5/8" Double Hexagon Socket	4091X	Extension, 10" long	E2426	3/8" & 13/16"
T22	1 1/16" Double Hexagon Socket	4095	Cross Handle, 8" long	E2430	3/8" & 15/16"
T24	1 1/8" Double Hexagon Socket	4096	Hinge Handle, 15" long	15° Angle Box Wrenches	
T4	Extension, 6" long	4098	Reversible Ratchet, 10"	2890	3/8" & 7/16"
T5	Cross Extension, 12" long	3/4" SQUARE DRIVE		2891	1/2" & 9/16"
T20	Hinge Handle, 8 1/2"	HD34	1 1/16" Double Hexagon Socket	2892	5/8" & 11/16"
T32	Extension, 2" long	HD36	1 1/8" Double Hexagon Socket	2893	3/4" & 13/16"
T35	Reversible Ratchet, 7"	HD40	1 1/4" Double Hexagon Socket	2894	7/8" & 15/16"
SQUARE DRIVE		HD42	1 1/2" Double Hexagon Socket	2895C	1" & 1 1/8"
A14	1/2" Double Hexagon Socket	HD46	1 5/8" Double Hexagon Socket	2591	Stud Wrench
A16	3/4" Double Hexagon Socket	HD48	1 1/2" Double Hexagon Socket	Net Weight 55 lbs.	



TOOL SETS



No. AM28B & AM28 Socket and Tool Set . 50 Pieces

1/4, 3/8, 1/2 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



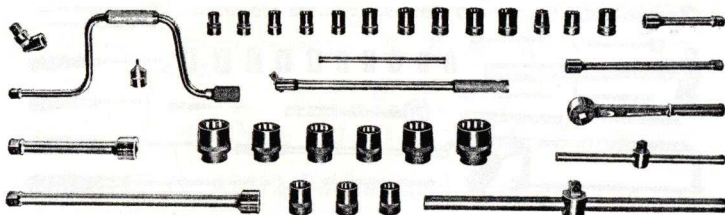
MB60

The Bonney AM28 Set contains the most necessary 1/4", 3/8" and 1/2" square drive sockets and attachments; open end wrenches; and 15° angle box wrenches.

Designed to meet apprentice requirements in various trades. AM28B is packed in metal box MB60, 20 1/2" x 8" x 5", with sliding removable tray, carrying handle, padlock hasp and end catches; AM28 in cardboard box. Contents of the set are as follows:

No.	Description	No.	Description
	1/4" SQUARE DRIVE		
V10	5/16" Hexagon Socket	A25	25/32" Double Hexagon Socket
V11	11/32" Hexagon Socket	A26	13/16" Double Hexagon Socket
V12	3/8" Hexagon Socket	A28	7/8" Double Hexagon Socket
V14	7/16" Hexagon Socket	A30	15/16" Double Hexagon Socket
V17	Sliding "T" Handle, 4 1/2" long	A32	1" Double Hexagon Socket
V18	Extension, 6" long	LD20	5/8" Extra Dp. Dbl. Hex. Socket, 3 1/4" long
	3/8" SQUARE DRIVE	LD22	1 1/16" Extra Dp. Dbl. Hex. Socket, 3 1/4" long
T12	3/8" Double Hexagon Socket	LD26T	13/16" Extra Dp. Dbl. Hex. Socket, 3 1/4" long
T14	7/16" Double Hexagon Socket	LD28T	7/8" Extra Dp. Dbl. Hex. Socket, 3 1/4" long
T16	1/2" Double Hexagon Socket	4090	Extension, 5" long
T18	9/16" Double Hexagon Socket	4091X	Extension, 10" long
T20	3/8" Double Hexagon Socket	4092	Cross Handle, 8" long
T22	11/16" Double Hexagon Socket	4096	Hinge Handle, 15" long
T24	3/4" Double Hexagon Socket	4098	Reversible Ratchet, 10" long
T4	Extension, 6" long		OPEN END WRENCHES
T5	Extension, 12" long	E1214	3/8" & 7/16"
T30	Hinge Handle, 8 1/2" long	E1618	1/2" & 9/16"
T32	Cross Handle, 6" long	E2022	5/8" & 1 1/16"
T35	Reversible Ratchet, 7" long	E1925	1 1/32" & 25/32"
	1/2" SQUARE DRIVE	E2426	3/4" & 13/16"
A14	7/16" Double Hexagon Socket	E2830	7/8" & 15/16"
A16	1/2" Double Hexagon Socket		15° ANGLE BOX WRENCHES
A18	9/16" Double Hexagon Socket	2890	3/8" & 7/16"
A19	1 1/32" Double Hexagon Socket	2891	1/2" & 9/16"
A20	5/8" Double Hexagon Socket	2892	5/8" & 1 1/16"
A22	1 1/16" Double Hexagon Socket	2893	3/4" & 13/16"
A24	3/4" Double Hexagon Socket	2894	7/8" & 15/16"
			Net Weight 32 lbs.

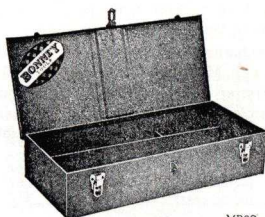
TOOL SETS



No. AM20B & AM20 Socket Set

34 Pieces

1/2, 3/4 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB68

The Bonney AM20 Set contains the most necessary 1/2" square drive double hexagon and double square sockets and attachments, and 3/4" square drive double hexagon sockets and attachments.

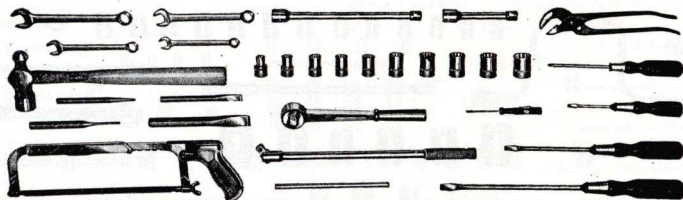
Designed for heavy work on passenger cars, trucks, buses, tractors, marine, industrial and farm machinery. AM20B is packed in metal box MB68, 21 1/2" x 9 1/2" x 4 1/2", with top carrying handle and padlock hasp; AM20 is packed in cardboard box. The set is composed of:

No.	Description	No.	Description
	1/2" SQUARE DRIVE SOCKETS AND ATTACHMENTS		
A14	7/16" Double Hexagon Socket	4091X	Extension, 10" long
A16	1/2" Double Hexagon Socket	4092	Cross Handle, 8" long
A18	9/16" Double Hexagon Socket	4095	Universal Joint
A19	1 9/32" Double Hexagon Socket	4096	Hinge Handle, 15" long
A20	5/8" Double Hexagon Socket	4098	Reversible Ratchet, 10" long
A22	1 1/16" Double Hexagon Socket		3/4" SQUARE DRIVE SOCKETS AND ATTACHMENTS
A24	3/4" Double Hexagon Socket	HD30	1 5/16" Double Hexagon Socket
A25	2 5/32" Double Hexagon Socket	HD32	1" Double Hexagon Socket
A26	1 3/16" Double Hexagon Socket	HD34	1 1/16" Double Hexagon Socket
A28	7/8" Double Hexagon Socket	HD36	1 1/8" Double Hexagon Socket
4114	7/16" Double Square Socket	HD40	1 1/4" Double Hexagon Socket
4116	1/2" Double Square Socket	HD42	1 5/16" Double Hexagon Socket
4118	9/16" Double Square Socket	HD46	1 7/16" Double Hexagon Socket
4001	Drag Link Socket	HD48	1 1/2" Double Hexagon Socket
4084	Brace, 14" long	HD52	1 3/8" Double Hexagon Socket
4087	Sliding "T" Handle, 11" long	4290	Extension, 8 1/2" long
4090	Extension, 5" long	4291	Extension, 17" long
		4287	Sliding "T" Handle, 20" long

Net Weight 48 lbs.



TOOL SETS



No. AMI6B & AMI6 Socket and Tool Set . 31 Pieces

1/2 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB48

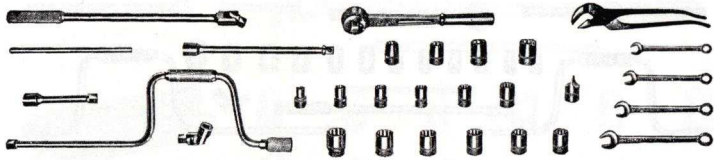
The Bonney AMI6 Set contains the most necessary 1/2" square drive double hexagon sockets and attachments, combination box and open end wrenches, chisels, punches, screw drivers, and miscellaneous tools.

Designed for the mechanic just starting out. AMI6B is packed in metal box MB48, 19" x 8" x 5", with removable tray, carrying handle, padlock hasp and end catches; with ample room for the addition of other tools. AMI6 is packed in cardboard box. The set includes one each of the following:

No.	Description	No.	Description
A14	7/16" Double Hexagon Socket	1163	9/16" Combination Wrench
A16	1/2" Double Hexagon Socket	1164	3/4" Combination Wrench
A18	9/16" Double Hexagon Socket	B34	Pump Plier
A19	1 9/32" Double Hexagon Socket	C2	Flat Chisel, 7/16" cut
A20	5/8" Double Hexagon Socket	C4	Flat Chisel, 3/4" cut
A22	1 1/16" Double Hexagon Socket	C34	Center Punch
A24	3/4" Double Hexagon Socket	C29	Pin Punch, 3/16" point
A25	25/32" Double Hexagon Socket	E02	Screw Driver, (neon tube) Pocket size, 2 1/4" blade
A26	1 3/16" Double Hexagon Socket	W03	Wood Handle Screw Driver, 3" blade
A28	7/8" Double Hexagon Socket	W06	Wood Handle Screw Driver, 6" blade
4090	Extension, 5" long	W010	Wood Handle Screw Driver, 10" blade
4091X	Extension, 10" long	WP2	Wood Handle Screw Driver, for No. 5 to No. 9 inc. Phillips Screws
4092	Cross Handle, 8" long	PH7	1 lb. Ball Pein Hammer
4096	Hinge Handle, 15" long	2628	Adjustable Hack Saw Frame with No. F1018 Blade
4098	Reversible Ratchet, 10" long		
1161	7/16" Combination Wrench		
1162	1/2" Combination Wrench		

Net Weight 22 lbs.

TOOL SETS



No. AMI2B & AMI2 Socket and Tool Set . 29 Pieces

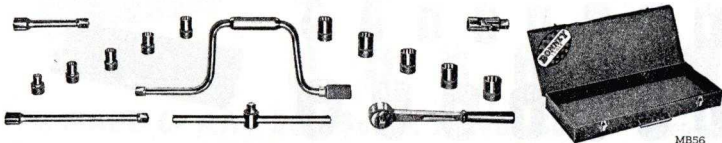
1/2 INCH SQUARE DRIVE SOCKETS & ATTACHMENTS



MB60

The Bonney AMI2 Set contains all the most useful 1/2" square drive double hexagon and double square sockets and attachments, plus an assortment of combination box and open end wrenches and an adjustable plier. AMI2B is packed in metal box MB60, 20 1/2" x 8" x 5", with sliding removable tray, carrying handle, padlock hasp, and end catches. AMI2 is packed in cardboard box. The contents of the set are as follows:

No.	Description	No.	Description
A14	7/16" Double Hexagon Socket	4120	5/8" Double Square Socket
A16	1/2" Double Hexagon Socket	4001	1 3/16" Drag Link Socket
A18	9/16" Double Hexagon Socket	4085	Speeder, 19 3/4" long
A19	1 1/8" Double Hexagon Socket	4090	Extension, 5" long
A20	5/8" Double Hexagon Socket	4091X	Extension, 10" long
A22	1 1/16" Double Hexagon Socket	4092	Cross Handle, 8" long
A24	3/4" Double Hexagon Socket	4095	Universal Joint
A25	25/32" Double Hexagon Socket	4096	Hinge Handle, 15" long
A26	13/32" Double Hexagon Socket	4098	Reversible Ratchet, 10" long
A28	7/8" Double Hexagon Socket	1161	1/2" Combination Wrench
A30	1 5/16" Double Hexagon Socket	1162	9/16" Combination Wrench
A32	1 1/16" Double Hexagon Socket	1163	3/8" Combination Wrench
4114	7/16" Double Square Socket	1164	Pump Plier
4116	1/2" Double Square Socket	B34	
4118	9/16" Double Square Socket		Net Weight 24 lbs.



MB56

No. AA24B & AA24 Std. Series Socket Set . 16 Pieces

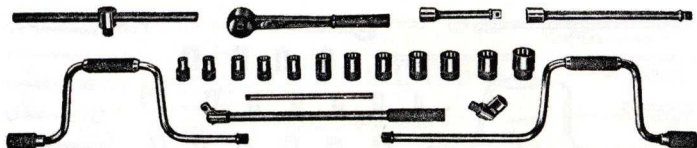
1/2 INCH SQUARE DRIVE

The Bonney AA24 Set contains the most necessary 1/2" square drive double hexagon sockets and all of the most useful 1/2" attachments. AA24B is packed in metal box MB56, 20" x 8" x 2 1/8", with carrying handle; AA24 in cardboard box. The set includes:

No.	Description	No.	Description	No.	Description
A14	7/16" Double Hexagon	A24	3/4" Double Hexagon	4090	Extension, 5" long
A16	1/2" Double Hexagon	A25	25/32" Double Hexagon	4091X	Extension, 10" long
A18	9/16" Double Hexagon	A26	13/16" Double Hexagon	4095	Universal Joint
A19	1 1/8" Double Hexagon	A28	7/8" Double Hexagon	4098	Reversible Ratchet, 10"
A20	5/8" Double Hexagon	4084	Brace, 14" long		
A22	1 1/16" Double Hexagon	4087	Sliding "T" Handle, 11"		
					Net Weight 18 lbs.



TOOL SETS



No. AA28B & AA28 Std. Series Socket Set • 21 Pieces

1/2 INCH SQUARE DRIVE



The Bonney AA28 Set contains all of the most useful 1/2" square drive double hexagon sockets and attachments. Designed as a basic set. AA28B is packed in metal box MB56, 20" x 8" x 2 1/8", with carrying handle, padlock hasp, and end catches. AA28 in cardboard box. The contents of the set are as follows:

No.	Description	No.	Description
A14	7/16" Double Hexagon Socket	4084	Brace, 14" long
A16	1/2" Double Hexagon Socket	4085	Speeder, 19 3/4" long
A18	9/16" Double Hexagon Socket	4087	Sliding "T" Handle, 11" long
A19	1 1/8" Double Hexagon Socket	4090	Extension, 5" long
A20	5/8" Double Hexagon Socket	4091X	Extension, 10" long
A22	1 1/16" Double Hexagon Socket	4092	Cross Handle, 8" long
A24	3/4" Double Hexagon Socket	4095	Universal Joint
A25	25/32" Double Hexagon Socket	4096	Hinge Handle, 15" long
A26	13/16" Double Hexagon Socket	4098	Reversible Ratchet, 10" long
A28	7/8" Double Hexagon Socket		
A30	15/16" Double Hexagon Socket		
A32	1" Double Hexagon Socket		

Net Weight 20 lbs.



MB40

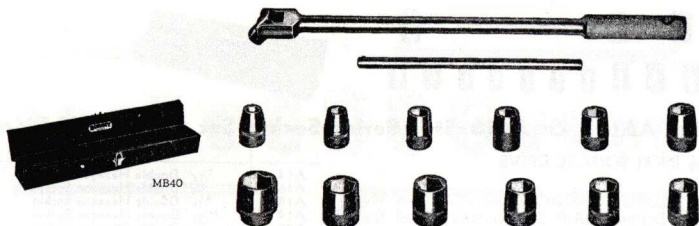
No. AA20B & AA20 Std. Series Socket Set • 17 Pieces

1/2 INCH SQUARE DRIVE

The Bonney AA20 Set is a complete set of 1/2" square drive double hexagon sockets and a hinge handle. AA20B is packed in a metal box MB40, 18" x 2 1/2" x 1 3/8". AA20 in cardboard box.

No.	Description	No.	Description	No.	Description
A14	7/16" Double Hexagon	A24	3/4" Double Hexagon	A34	1 1/16" Double Hexagon
A16	1/2" Double Hexagon	A25	25/32" Double Hexagon	A36	1 1/8" Double Hexagon
A18	9/16" Double Hexagon	A26	13/16" Double Hexagon	A40	1 1/4" Double Hexagon
A19	1 1/8" Double Hexagon	A28	7/8" Double Hexagon	4096	Hinge Handle, 15" long
A20	5/8" Double Hexagon	A30	15/16" Double Hexagon	4092	Cross Handle, 8" long
A22	1 1/16" Double Hexagon	A32	1" Double Hexagon		Net Weight 8 1/2 lbs.

TOOL SETS



No. AA9B & AA9 Std. Series Socket Set • 14 Pieces

1/2 INCH SQUARE DRIVE

Bonney Set AA9 includes the 12 most popular size single hexagon sockets with a hinge handle and cross handle. The single hexagon sockets provide maximum strength required for aviation and automotive shop work. AA9B is packed in metal box MB40, 18" x 2 1/2" x 1 7/8"; AA9 in cardboard box.

No.	Description
4014	7/16" Hexagon Socket
4016	1/2" Hexagon Socket
4018	9/16" Hexagon Socket
4019	5/8" Hexagon Socket
4020	11/16" Hexagon Socket
4022	3/4" Hexagon Socket
4024	25/32" Hexagon Socket
4025	13/16" Hexagon Socket
4026	7/8" Hexagon Socket
4028	15/16" Hexagon Socket
4030	1" Hexagon Socket
4032	Cross Handle, 8" long
4092	Hinge Handle, 15" long
4096	

Net Weight 6 1/4 lbs.



No. AA8B & AA8 Std. Series Socket Set • 14 Pieces

1/2 INCH SQUARE DRIVE

The Bonney AA8 Set contains all of the most useful 1/2" square drive double hexagon sockets and a hinge handle. A practical basic socket set for every mechanic.

AA8B is packed in metal box MB40, 18" x 2 1/2" x 1 7/8"; AA8 in cardboard box.

No.	Description
A14	7/16" Double Hexagon Socket
A16	1/2" Double Hexagon Socket
A18	9/16" Double Hexagon Socket
A19	5/8" Double Hexagon Socket
A20	11/16" Double Hexagon Socket
A22	3/4" Double Hexagon Socket
A24	25/32" Double Hexagon Socket
A25	13/16" Double Hexagon Socket
A26	7/8" Double Hexagon Socket
A28	15/16" Double Hexagon Socket
A30	1" Double Hexagon Socket
A32	Cross Handle, 8" long
4096	Hinge Handle, 15" long
4092	

New Weight 6 1/4 lbs.



TOOL SETS



MB40

No. AA16B & AA16 Std. Series Socket Set . 13 Pieces

1/2 INCH SQUARE DRIVE

The Bonney AA16 Set contains all of the most useful 1/2" square drive double hexagon sockets and a 10" reversible ratchet. AA16B is packed in metal box MB40, 18" x 2 1/2" x 1 7/8"; AA16 in cardboard box.

No.	Description
A14	7/16" Double Hexagon Socket
A16	1/2" Double Hexagon Socket
A18	9/16" Double Hexagon Socket
A19	19/32" Double Hexagon Socket
A20	5/8" Double Hexagon Socket
A22	11/16" Double Hexagon Socket
A24	3/4" Double Hexagon Socket
A25	25/32" Double Hexagon Socket
A26	13/16" Double Hexagon Socket
A28	7/8" Double Hexagon Socket
A30	15/16" Double Hexagon Socket
A32	1" Double Hexagon Socket
4098	Reversible Ratchet, 10" long

Net Weight 6 1/2 lbs.



MB40

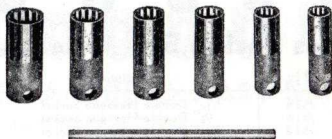
No. AA17B & AA17 Std. Series Socket Set . 13 Pieces

1/2 INCH SQUARE DRIVE

The Bonney AA17 Set contains all of the most useful 1/2" square drive single hexagon sockets and a 10" reversible ratchet. AA17B is packed in metal box MB40, 18" x 2 1/2" x 1 7/8"; AA17 in cardboard box.

No.	Description
4014	7/16" Hexagon Socket
4016	1/2" Hexagon Socket
4018	9/16" Hexagon Socket
4019	19/32" Hexagon Socket
4020	5/8" Hexagon Socket
4022	11/16" Hexagon Socket
4024	3/4" Hexagon Socket
4025	25/32" Hexagon Socket
4026	13/16" Hexagon Socket
4028	7/8" Hexagon Socket
4030	15/16" Hexagon Socket
4032	1" Hexagon Socket
4098	Reversible Ratchet, 10" long

Net Weight 6 1/2 lbs.



MB20

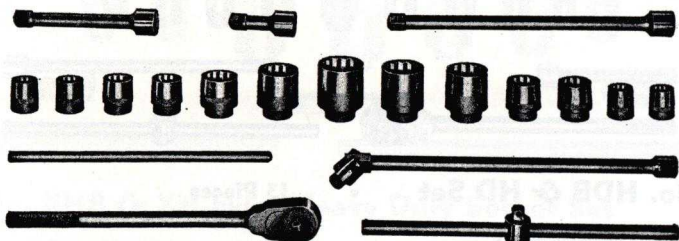
No. LD2B & LD2 Spark Plug Set . 7 Pieces

1/2 INCH SQUARE DRIVE

The Bonney LD2 Set contains the six sockets which will remove and replace spark plugs in practically all makes of cars and trucks. LD2B is packed in metal box MB20, 8 1/4" x 3 3/4" x 1 1/2"; LD2 in cardboard box.

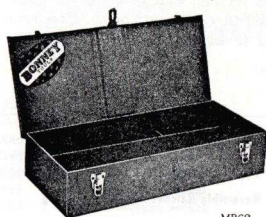
No.	Opening	Length	Diameter
LD20	5/16"	3 1/4"	7/8"
LD22	11/16"	3 1/4"	15/16"
LD26T	13/16"	3 1/4"	1 1/16"
LD28T	7/8"	3 1/4"	1 3/16"
LD30	15/16"	3 1/4"	1 1/4"
LD32	1"	3 1/4"	1 11/32"
4092	Cross Handle, 8" long		

TOOL SETS



No. HDIB & HDI Set • 20 Pieces

3/4 INCH SQUARE DRIVE



MB68

The Bonney HDI Set is a complete set of 3/4" square drive double hexagon sockets and attachments. Designed for heavy duty work on buses, trucks, tractors, marine engines and equipment, and industrial machinery. HDIB is packed in metal box MB68, 21 1/2" x 9 1/2" x 4 1/2", with carrying handle, padlock hasp, and end catches. HDI is packed in cardboard box. Contents are as follows:

No.	Description	No.	Description
HD30	1 5/16" Double Hexagon Socket	HD58	1 13/16" Double Hexagon Socket
HD32	1" Double Hexagon Socket	HD60	1 7/8" Double Hexagon Socket
HD34	1 1/16" Double Hexagon Socket	HD64	2" Double Hexagon Socket
HD36	1 1/8" Double Hexagon Socket	4285	Reversible Ratchet Handle, 20" long
HD40	1 1/4" Double Hexagon Socket	4287	Sliding "T" Handle, 20" long
HD42	1 5/16" Double Hexagon Socket	4288	Hinge Handle, 22" long
HD46	1 7/16" Double Hexagon Socket	4289	Cross Handle, 16 3/8", for No. 4288
HD48	1 1/2" Double Hexagon Socket	4290	Extension, 8 1/2" long
HD52	1 5/8" Double Hexagon Socket	4290A	Extension, 4" long
HD54	1 11/16" Double Hexagon Socket	4291	Extension, 17" long

Net Weight 55 lbs.



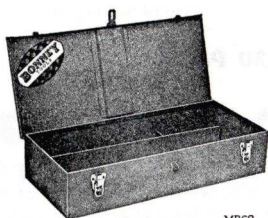
TOOL SETS



No. HDB & HD Set

13 Pieces

$\frac{3}{4}$ INCH SQUARE DRIVE

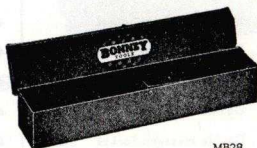
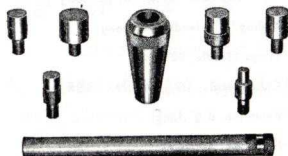


MB68

The Bonney HD Set contains the most necessary $\frac{3}{4}$ " square drive double hexagon sockets and attachments. Designed for heavy duty work on buses, trucks, tractors, marine engines and equipment, and industrial machinery. HDB is packed in metal box MB68, $21\frac{1}{2}$ " x $9\frac{1}{2}$ " x $4\frac{1}{2}$ ", with carrying handle, end catches, and padlock hasp. HD Set in cardboard box. One each of the following is included:

No.	Description	No.	Description
HD30	$1\frac{5}{16}$ " Double Hexagon Socket	HD48	$1\frac{1}{2}$ " Double Hexagon Socket
HD32	1" Double Hexagon Socket	HD52	$1\frac{3}{8}$ " Double Hexagon Socket
HD34	$1\frac{1}{8}$ " Double Hexagon Socket	4285	Reversible Ratchet Handle, 20" long
HD36	$1\frac{1}{4}$ " Double Hexagon Socket	4287	Sliding "T" Handle, 20" long
HD40	$1\frac{1}{4}$ " Double Hexagon Socket	4290	Extension, $8\frac{1}{2}$ " long
HD42	$1\frac{5}{16}$ " Double Hexagon Socket	4291	Extension, 17" long
HD46	$1\frac{7}{16}$ " Double Hexagon Socket		Net Weight 27 lbs.

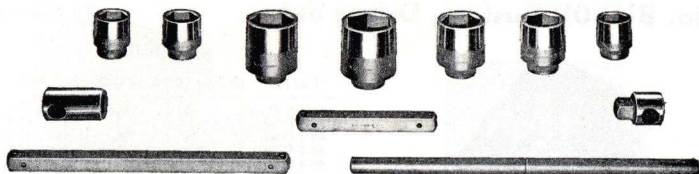
No. CA41B Clutch Alignment Set • 8 Pieces



MB28

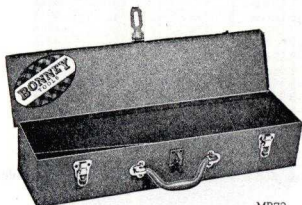
This is a complete set that will handle the clutches of nearly all cars. The assortment of pilots included in each set results in one tool that will give quick, accurate clutch alignment. Supplied in a metal box MB28, $10\frac{1}{4}$ " x $1\frac{3}{4}$ " x $1\frac{3}{4}$ ". Net weight approximately 5 lbs.

TOOL SETS



No. XHB & XH Extra Heavy Duty Socket Set

1 INCH SQUARE DRIVE • 12 Pieces



MB72

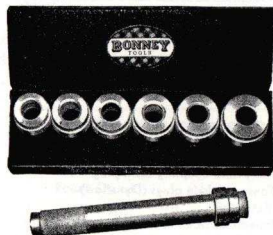
The Bonney XH Set contains all the most useful 1" square drive hexagon sockets and attachments. Designed for extra-heavy-duty work on buses, trucks, tractors, marine engines and equipment, and industrial machinery.

XHB is packed in a metal box MB72, 23" x 6" x 5", with carrying handle, padlock hasp, and end catches. XH Set is packed in cardboard box. The set includes one each of the following:

No.	Description	No.	Description
X46	1 ¹ / ₁₆ " Hexagon Socket	X76	2 ³ / ₈ " Hexagon Socket
X48	1 ¹ / ₂ " Hexagon Socket	X29	Extension, 8 ¹ / ₂ " long
X52	1 ⁵ / ₈ " Hexagon Socket	X30	Extension, 17 ¹ / ₂ " long
X58	1 ¹³ / ₁₆ " Hexagon Socket	X31	Sliding Bar, 22" long
X64	2" Hexagon Socket	X32	Drive Head, Male
X70	2 ³ / ₁₆ " Hexagon Socket	X33	Drive Head, Female

Net Weight 42 lbs.

No. BU45B Heavy Duty Bushing Driver Set • 9 Pieces



The BU45 Bushing Driver Set covers a broad range of Trucks, Buses, Tractors as well as Farm, Road and Construction Equipment. The tools in this set are made of selected alloy steel and are carefully heat treated. Packed in a special metal box 10¹/₄" x 3" x 1".

Set Contains

Tool No.	Small Diam.	Large Diam.
45-1 Driver	1 ⁵ / ₁₆ "	1 ⁷ / ₁₆ "
45-2 Driver	1 ¹¹ / ₃₂ "	1 ¹ / ₂ "
45-3 Driver	1 ⁷ / ₁₆ "	1 ⁹ / ₁₆ "
45-4 Driver	1 ¹ / ₂ "	1 ⁵ / ₈ "
45-5 Driver	1 ⁹ / ₁₆ "	1 ¹¹ / ₁₆ "
45-6 Driver	1 ⁹ / ₃₂ "	1 ³ / ₄ "
45-7 Driver	1 ³ / ₄ "	1 ⁷ / ₈ "
45-8 Handle	Fits all Drivers	
45-9 Nut	Fits 45-8	



TOOL SETS

No. BU40B Bushing Driver Set

22 Pieces



This Bushing Driver Set is designed to drive all passenger car bushings and many truck and tractor bushings. These tools are made of alloy steel carefully hardened and tempered to give the best of service.

Guaranteed against defects in workmanship and materials.

Packed in a special metal box $7\frac{7}{8}$ " long; $4\frac{1}{8}$ " wide; 1" high.

Set Includes

Tool No.	Bushing I.D.	Drive O.D.	Fits Hdl. No.
40-1A Driver	$\frac{3}{8}$	$\frac{7}{16}$	42-1, 42-2
40-2 Driver	$\frac{7}{16}$	$\frac{1}{2}$	42-1, 42-2
40-3 Driver	$\frac{1}{2}$	$\frac{9}{16}$	42-1, 42-2
40-5 Driver	$\frac{9}{16}$	$\frac{5}{8}$	42-1, 42-2
40-7 Driver	$\left\{ \begin{array}{l} \frac{3}{8}, \frac{5}{8} \\ \frac{5}{8} \end{array} \right.$	$\left\{ \begin{array}{l} \frac{43}{64}, \frac{11}{16} \\ \frac{3}{4} \end{array} \right.$	42-1, 42-2
40-8 Driver	$\frac{5}{8}$	$\frac{3}{4}$	42-1, 42-2
40-9 Driver	$\frac{11}{16}$	$\frac{13}{16}$	42-1, 42-2
41-1 Driver	$\left\{ \begin{array}{l} \frac{47}{64}, \frac{3}{4} \\ \frac{3}{4} \end{array} \right.$	$\left\{ \begin{array}{l} \frac{55}{64}, \frac{3}{8} \\ \frac{3}{8} \end{array} \right.$	42-3
41-2 Driver	$\frac{13}{16}$	$\frac{15}{16}$	42-3
41-3 Driver	$\left\{ \begin{array}{l} \frac{55}{64}, \frac{7}{8} \\ \frac{7}{8} \end{array} \right.$	$\left\{ \begin{array}{l} \frac{63}{64}, 1 \\ 1 \end{array} \right.$	42-3
41-4 Driver	$\frac{15}{16}$	$\frac{11}{16}$	42-3
41-5 Driver	1	$\frac{11}{16}$	42-3
41-6 Driver	$\frac{11}{16}$	$\frac{13}{16}$	42-3
41-7 Driver	$\frac{11}{16}$	$\frac{11}{16}$	42-3
41-7A Driver	$\frac{13}{16}$	$\frac{15}{16}$	42-3
41-8 Driver	$\frac{11}{16}$	$\frac{13}{16}$	42-3
42-1 Handle	$\frac{7}{16}$ Dia. x 5" long		
42-2 Handle	$\frac{5}{8}$ Dia. x 6" long		
42-3 Handle	$\frac{13}{16}$ Dia. x $7\frac{7}{16}$ " long		
43-1 Nut	fits 42-1 & 42-2		
43-2 Nut	fits 42-3		
40-7	will drive Chevrolet Six Water Pump Bushing		
41-1	will drive Chevrolet Six King Bolt Bushing		
41-3	will drive Chevrolet Six King Bolt Bushing		
(Size .866 knee action car and Chev. piston pin bushing)			

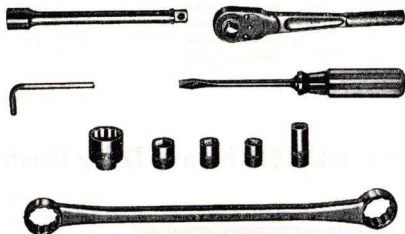
Bonney Transmission Set

10 Pieces

No. HY6B Set, Metal Box
No. HY6DB Service Station Panel
No. HY6 Tools Only

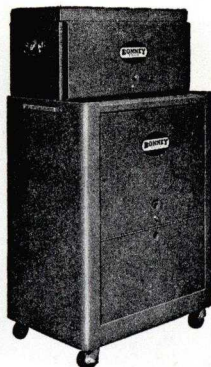
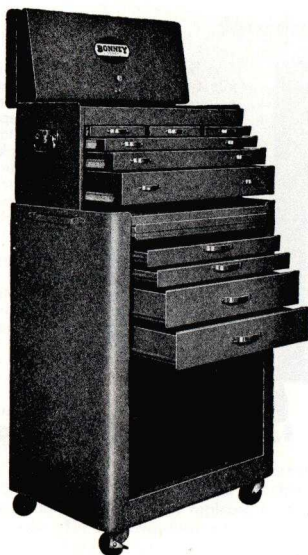


MBS2



The Bonney HY6 Set meets the special requirements of service stations for oil change work on Hydra-Matic and Dynaflo transmissions. HY6DB set furnished with service station work panel, 12" high x 16" wide. HY6B set packed in metal box MBS2, $13\frac{3}{4}$ " x $2\frac{3}{4}$ " x $1\frac{1}{2}$ ". Sets contain:

T128	$\frac{7}{8}$ " 12 pt. Socket	Hydra-Matic transmission oil pan plug
TH18	$\frac{9}{16}$ " 6 pt. Socket	Flywheel cover bolts
TH16	$\frac{1}{2}$ " 6 pt. Socket	Flywheel cover bolts
TH14	$\frac{7}{16}$ " 6 pt. Socket	Hydra-Matic fluid coupling drain plug
TS9	$\frac{9}{32}$ " Single Square Socket	Torque Converter drain plugs (Dynaflo)
T4	6" Extension	Wrench Extension
T35	$\frac{3}{8}$ " Ratchet	Ratchet Handle to fit above wrenches
AW6	$\frac{3}{16}$ " Allen Set Screw Wrench	For old type fluid coupling drain plugs (Hydra-Matic)
04	4" Blade Screw Driver	Screw driver to rotate flywheels
2894B	$1\frac{1}{16}$ " x 1" Box Wrench	Box Wrench for Dynaflo transmission oil pan plug



Illustrations show MB82 Chest mounted on CC15 Cabinet. See Page 3, this Section for MB82 specifications. These are priced separately in price sheet.

Bonney No. CC15 Roller Cabinet

The Bonney CC15 Roller Cabinet is a deluxe storage locker that any first-class mechanic will be proud to own. It is sturdily built of heavy gauge sheet metal—the construction is excellent and it has the attractive Bonney red crackle finish.

Drawers are mounted on safety-stop roller slides. Hinged drop-front closes the entire cabinet and is furnished with a tumbler lock, (two keys provided). A handle at one end facilitates moving. Two of the four rubber-tired swivel casters are equipped with a locking brake.

Overall dimensions for the CC15 Cabinet are:

	Length	Depth	Height
Cabinet	27 $\frac{1}{2}$ "	18"	37 $\frac{1}{2}$ "
Top Drawer	20 $\frac{3}{4}$ "	16 $\frac{3}{4}$ "	1 $\frac{1}{4}$ " Center
Second Drawer	20 $\frac{3}{4}$ "	16 $\frac{3}{4}$ "	1 $\frac{1}{4}$ " Divided
Third Drawer	20 $\frac{3}{4}$ "	16 $\frac{3}{4}$ "	3 $\frac{3}{8}$ "
Fourth Drawer	20 $\frac{3}{4}$ "	16 $\frac{3}{4}$ "	3 $\frac{3}{8}$ "

The gross weight of cabinet in inner carton and outside shipping container is 135 lbs.



CABINETS, BOXES, ROLLS

Bonney No. CC10 Roller Cabinet



The Bonney CC10 Roller Cabinet fills two outstanding requisites of a mechanic's storage locker,—utility value and the safe-keeping of the mechanic's tools. Attractively finished in red "crackle" enamel, the cabinet is made of heavy gauge sheet metal. Corners are rounded to enhance its appearance and it is mounted on rubber-tired casters.

The platform top of the cabinet will accommodate any Bonney tool box including the largest, MB82 chest, shown on page three of this section. This cabinet makes it easy to roll a complete tool assortment about the shop and take it right to the job. The No. CC10 Cabinet is 28" long, 13" deep and 27" high. It has a center shelf, double doors, and a door lock with key. Weight 50 lbs.

Bonney No. CC5 Roller Cabinet



The Bonney CC5 Roller Cabinet provides a medium-sized storage locker. This cabinet has the attractive Bonney red color in "crackle" enamel finish and is made of heavy gauge sheet metal. Smartly designed with rounded corners and chromium trim, it is mounted on rubber-tired casters for noiseless, easy movement.

The platform top of the cabinet will accommodate any Bonney tool box with the exception of the largest, MB82 chest. The No. CC5 Cabinet is 24" long, 12" deep and 27" high. It has a center shelf, single door, and a door lock with key. Weight 40 lbs.



No. MB82 Metal Chest

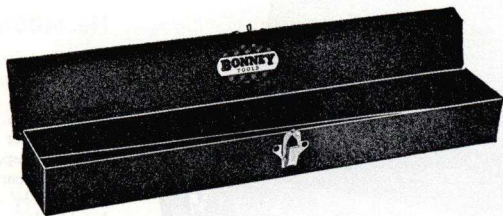
The MB82 Metal Chest is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This chest replaces former AA2 box). The fold-over front which covers the drawers has a 3-arm built in lock with key. Weight 62½ lbs.

Dimensions are as follows:

Width 26", depth 12", height 14½". Has six drawers with non-tilt extension slides.

	Width	Depth	Height
Top Row—3 small drawers	7"	11"	1"
2nd Row—full length drawer	23"	11"	1⅞"
3rd Row—full length drawer	23"	11"	1⅞"
4th Row—full length drawer	23"	11"	3¼"

No. MT15 Tote Tray 7⅝ x 18½ x 1½. Divided with 2 socket and 1 general tool compartments. Fits MB82 chest, furnished separately.



No. MB40 Tool Box

The MB40 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former

A2, A4, A5, AS2 and AS5). Box has center catch and contains separator. Width 18", depth 2½", height 1⅞". Weight 2 lbs. 3 oz.



CABINETS, BOXES, ROLLS



No. MB60 Tool Box

The MB60 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former AV and B1). Box has padlock hasp, end catches, top carrying handle and contains separated sliding tray 20" wide, 4" deep and $1\frac{5}{16}$ " high. Box width $20\frac{1}{2}$ ", depth 8", height 5" Weight 12 lbs. 14 oz.



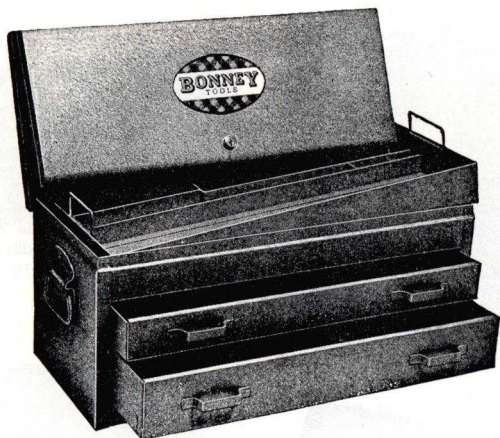
No. MB28 Tool Box

The MB28 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former CA41). Box has button catch and contains separator. Width $10\frac{1}{4}$ ", depth $1\frac{3}{4}$ ", height $1\frac{3}{4}$ ". Weight 1 lb. 2 oz.



No. MB64 Tool Box

The MB64 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former FB7). Box has padlock hasp, end catches and top carrying handle. Width $21\frac{1}{2}$ ", depth $9\frac{1}{2}$ ", height $4\frac{1}{2}$ ". Weight 11 lbs. 8 oz.



No. MB76 Metal Chest

The MB76 Metal Chest is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This chest replaces former AV1, BB1 and MC1). The fold-over front which covers the drawers has built-in lock with key.

Weight 37 lbs.

Dimensions are as follows:

Width 23", depth 11", height 10 $\frac{1}{4}$ ". Tray is 22 $\frac{1}{4}$ " wide, 9" deep, 2 $\frac{5}{8}$ " high.

Has two drawers with non-tilt extension slides.

Top drawer —20 $\frac{3}{4}$ " wide, 9 $\frac{7}{8}$ " deep, 1 $\frac{5}{16}$ " high.

Lower drawer—20 $\frac{3}{4}$ " wide, 9 $\frac{7}{8}$ " deep, 2 $\frac{15}{16}$ " high.



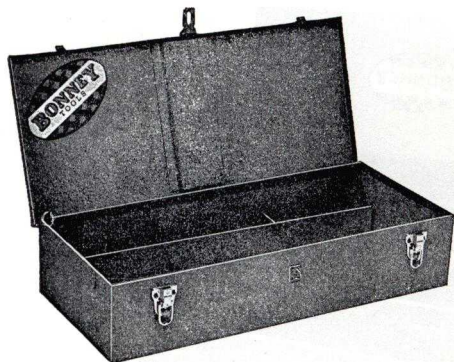
No. MB52 Tool Box

The MB52 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former

HY6). Box has button catch. Width 13 $\frac{3}{4}$ ", depth 2 $\frac{3}{4}$ ", height 1 $\frac{1}{2}$ ". Weight 1 lb. 9 oz.



CABINETS, BOXES, ROLLS



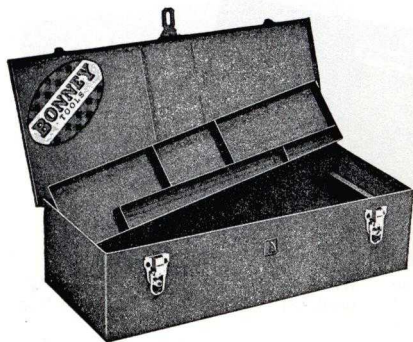
No. MB68 Tool Box

The MB68 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former HD, HD1 and RH). Box has padlock hasp, end catches, top carrying handle and contains separators. Width $21\frac{1}{2}$ ", depth $9\frac{1}{2}$ ", height $4\frac{1}{2}$ ". Weight 13 lbs. 8 oz.



No. MB56 Tool Box

The MB56 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former RS1 and WS). Box has end catches, side carrying handle and contains a separator. Width 20", depth 8", height $2\frac{1}{8}$ ". Weight 5 lbs. 14 oz.



No. MB48 Tool Box

The MB48 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former TD4, TD5, TD6, J1 and RF85). Box has padlock hasp, end catches, top carrying handle and contains sliding tray $18\frac{3}{8}$ " wide, $3\frac{3}{4}$ " deep and 1" high. Box width 19", depth 8", height 5". Weight 11 lbs. 15 oz.



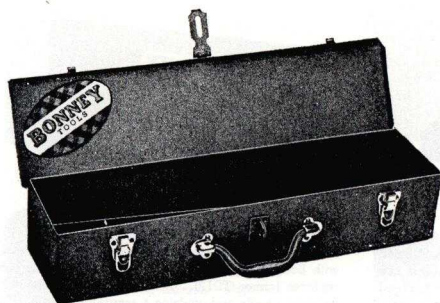
No. MB36 Tool Box

The MB36 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former TD3 and TD11). Box has button catch and contains separator. Width 13", depth 3", height 2". Weight 1lb. 4 oz.



No. MB32 Tool Box

The MB32 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces the former V55). Box has button catch and contains several separators. Width 11", depth 6", height 1". Weight 1 lb. 14 oz.



No. MB72 Tool Box

The MB72 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces the former XH). Box has padlock hasp, end catches, side carrying handle and contains a separator. Width 23", depth 6", height 5". Weight 10 lbs. 12 oz.



CABINETS, BOXES, ROLLS



No. MB20 Tool Box

The MB20 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former LD2). Box has button catch and contains a separator. Width $8\frac{1}{4}$ ", depth $3\frac{3}{4}$ ", height $1\frac{1}{2}$ ". Weight 13 oz.



No. MB16 Tool Box

The MB16 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former RF80). Box has button catch and contains a separator. Width $7\frac{1}{2}$ ", depth $3\frac{1}{4}$ ", height $1\frac{1}{8}$ ". Weight 14 oz.



No. MB12 Tool Box

The MB12 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former V50, V51, V52 and V53). Box has button catch and contains a separator. Width 6", depth 4", height 1". Weight 13 oz.



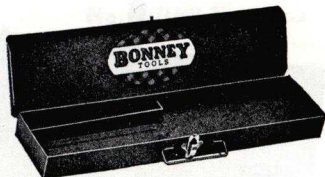
No. MB8 Tool Box

The MB8 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former TD8 and TW). Box has button catch. Width $4\frac{1}{2}$ ", depth 2", height $\frac{3}{4}$ ". Weight 4 oz.



No. MB24 Tool Box

The MB24 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former RF81). Box has button catch and several separators. Width $8\frac{5}{8}$ ", depth $5\frac{3}{4}$ ", height $1\frac{1}{4}$ ". Weight 1 lb. 10 oz.



No. MB44 Tool Box

The MB44 Tool Box is made of heavy gauge sheet metal, with Bonney red "crackle" enamel finish. (This box replaces former TD12). Box has center catch, side carrying handle and contains a separator. Width 18", depth 4", height 2". Weight 2 lbs. 10 oz.

CABINETS, BOXES, ROLLS



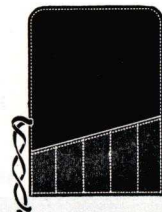
No. LR84 Leatherette Roll is made of stout, oil resistant leatherette, $11\frac{3}{4}$ " wide, 12" high. Has 8 pockets, fold-over flap and buckled tape. (Replaces 42LR).



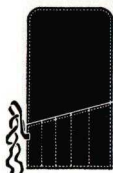
No. LR88 Leatherette Roll is made of stout, oil resistant leatherette, $8\frac{3}{4}$ " wide, $20\frac{1}{2}$ " high. Has 5 pockets, fold-over flap and tie-tapes. (Replaces 51LR).



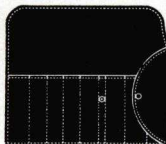
No. LR56 Leatherette Roll is made of stout, oil resistant leatherette, 14" wide, $16\frac{1}{2}$ " high. Has 6 pockets, fold-over flap and snap button closure. (Replaces Z25LR).



No. LR72 Leatherette Roll is made of stout, oil resistant leatherette, 11" wide, 15" high. Has 5 plastic pockets, fold-over flap and tie-tapes. New design. (Replaces LR76 and 49LR).



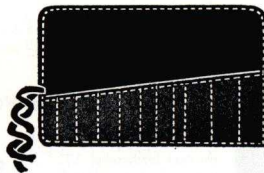
No. LR92 Leatherette Roll is made of stout, oil resistant leatherette, $6\frac{1}{2}$ " wide, 9" high. Has 5 pockets, fold-over flap and tie-tapes. (Replaces C45LR).



No. LR52 Leatherette Roll is made of stout, oil resistant leatherette, $15\frac{1}{2}$ " wide, 13" high. Has 8 pockets, fold-over flap and snap button closure. (Replaces Z23LR).



No. LR44 Leatherette Roll is made of stout, oil resistant leatherette, 12" wide, 13" high. Has 6 pockets, fold-over flap and snap button closure. (Replaces Z22LR and 22LR).



No. LR36 Leatherette Roll is made of stout, oil resistant leatherette, $10\frac{1}{2}$ " wide, 6" high. Has 11 pockets, fold-over flap and snap button closure. (Replaces 17LR).



No. LR20 Leatherette Roll is made of stout, oil resistant leatherette, $5\frac{3}{4}$ " wide, 9" high. Has 3 pockets, fold-over flap and snap button closure. (Replaces 29ALR).



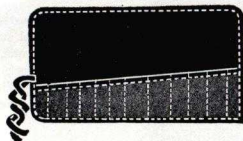
No. LR12 Leatherette Folder is made of stout, oil resistant leatherette, $6\frac{1}{2}$ " wide, 8" high. Has 3 pockets, fold-over flap with double snap button closure. (Replaces 14LR).



CABINETS, BOXES, ROLLS



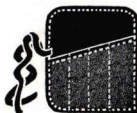
No. LR32 Leatherette Roll is made of stout, oil resistant leatherette, $9\frac{3}{4}$ " wide, 5" high. Has 12 pockets, fold-over flap and snap button closure. Replaces 18LR.



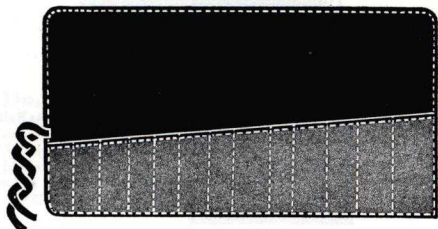
No. LR28 Leatherette Roll is made of stout, oil resistant leatherette, 9" wide, 5" high. Has 9 pockets, fold-over flap and snap button closure. Replaces 16LR.



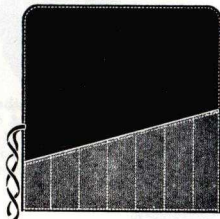
No. LR24 Leatherette Roll is made of stout, oil resistant leatherette, $5\frac{1}{2}$ " wide, 5" deep. Has 5 plastic pockets and tie-tapes. Replaces 20LR.



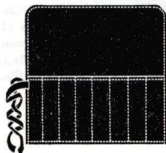
No. LR8 Leatherette Folder is made of stout, oil resistant leatherette, 4" wide, $4\frac{1}{4}$ " high. Has 4 pockets and fold-over flap with button closure. Replaces 21LR.



No. LR96 Leatherette Roll is made of stout, oil resistant leatherette, $17\frac{1}{2}$ " wide, $9\frac{1}{2}$ " high. Has 13 pockets, fold-over flap and tie-tapes. Replaces C46LR.



No. LR80 Leatherette Roll is made of stout, oil resistant leatherette, 16" wide, 17" high. Has 7 plastic pockets, fold-over flap and tie-tapes. New design.

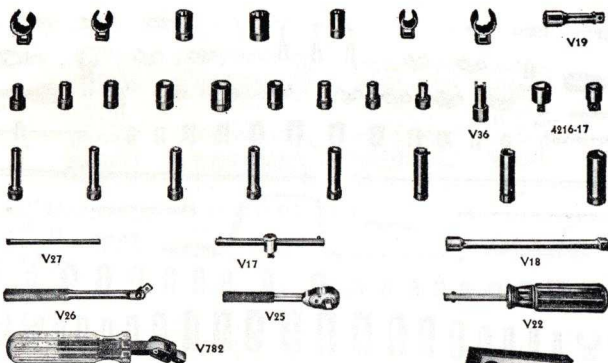


No. LR48 Leatherette Roll is made of stout, oil resistant leatherette, 13" wide, 13" high. Has 8 pockets, fold-over flap and tie-tapes. Replaces 412LR.



No. LR5 Leatherette Envelope is made of stout, oil resistant leatherette, 6" wide, 3" high. Has fold-over flap with snap button closure. Replaces 5LR.

SOCKETS & ATTACHMENTS



Bonaloy Extra Small Series

1/4 INCH SQUARE DRIVE—Chromium Plated



Handles & Attachments

Sockets

New No.	Old No.	Description	No.	Lgth.	No.	Lgth.	Opening	Socket End. O.D.	Drive End. O.D.
V730	V17	Sliding "T" Handle 4 1/2" long	V6	7/8	VL6	2	3/16 Hex.	.300	1/2
V606	V18	Extension, 6" long	V7	7/8	VL7	2	7/32 Hex.	.343	1/2
V602	V19	Extension, 2" long	V8	7/8	VL8	2	1/4 Hex.	.375	1/2
V780	V22	Screw Driver Handle, non-conductor, 6" overall	V9	7/8	VL9	2	9/32 Hex.	.419	1/2
V704	V25	Reversible Ratchet, 4 1/2" long	V10	7/8	VL10	2	5/16 Hex.	.459	1/2
V720	V26	Hinge Handle, 5 3/4" long	V11	7/8	VL11	2	1 1/32 Hex.	.500	1/2
V775	V27	Cross Handle, 3 1/8" long, 3/16" diam., for V26	V12	7/8	VL12	2	3/8 Hex.	1 7/32	17/32
V782	V36	Special Screw Dr. Socket for Ford dash, 1 3/8" long	V14	7/8	VL14	2	7/16 Hex.	3 9/64	39/64
	4216	3/8" sq. Female, 1/4" sq. Male Adaptor	V16	7/8	VL16	2	1/2 Hex.	1 1/16	11/16
	4217	1/4" sq. Female, 3/8" sq. Male Adaptor	VS8	7/8			1/4 Dbl. Sq.	.459	1/2
			VS10	7/8			5/16 Dbl. Sq.	.562	1/2
			VS12	7/8			3/8 Dbl. Sq.	.718	21/32

VL-65 COUNTER DISPLAY. Consists of seven sets, one each of VL6 to VL14, packed in cardboard counter display box.

Box Type Crow Foot Wrenches

Tool No.	Size	Drive	Head Thickness	Width of Slot	Torque Center
VF12	3/8	1/4	17/32	9/32	33/64
VF14	7/16	1/4	19/32	11/32	37/64
VF16	1/2	1/4	19/32	3/8	5/8
VF18	9/16	1/4	19/32	7/16	21/32

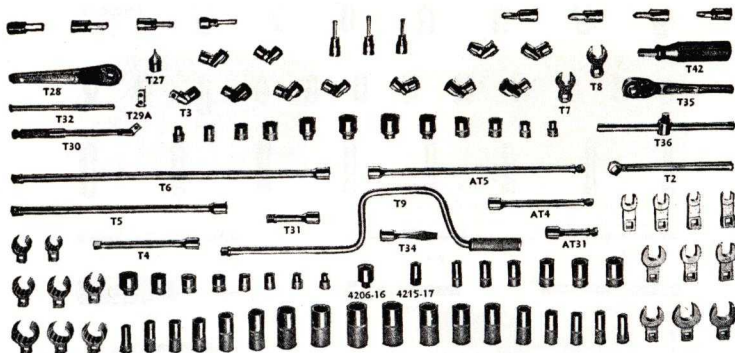


These wrenches are specially designed for work on tubing fittings commonly used in aircraft engine and fuselage work to reach fittings otherwise inaccessible. They are indispensable to torque wrench adjustments in obtaining specified torques.

NOTE: For flare nut connections only. Not to be used on work requiring heavy pull.



SOCKETS & ATTACHMENTS



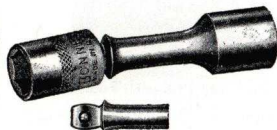
Bonaley Small Series

3/8 INCH SQUARE DRIVE — Chromium Plated

The Bonney 3/8" Small Series offers a wide assortment of sockets,—single and double hexagon, double square, flexible single and double hexagon and extra-deep single and double hexagon. Attachments include Phillips type, clutch head, set screw and standard screw driver blades; open end and box type crow foot wrenches; adaptors for drive interchange; as well as ratchets, speeder, drive handles and extensions.

Wobble Drive Extensions

This tool is designed for work in close quarters. It enables a mechanic to obtain a small amount of swivel without the use of a universal joint. Male end is 3/8" and will receive any 3/8" drive socket. Female end is 3/8" square. Unusual shape of male end of tool makes it suitable for light duty work only. Hence, item is not covered by guarantee.



Tool No.	Size
AT31	3"
AT4	6"
AT5	12"

Handles and Attachments

New No.	Old No.	Description	New No.	Old No.	Description
T750	T2	Offset Handle, 7" long		T34*	Screw Driver Attachment, 3 1/2"
T760	T3	Universal Joint—Friction Drag			Blade 3/8" wide, 3/16" thick
T606	T4	Extension, 6" long	T704	T35	Reversible Ratchet, 6 1/2" long
T612	T5	Extension, 12" long	T730	T36	Sliding "T" Handle, 8" long
T617	T6	Extension, 17" long	T780	T42	Screw Driver Handle, non-conductor type, 5 1/8" long
	T7	1/2" Crow Foot, 11 1/4" torque center		AT31	Wobble Drive, 3" long, 12° swivel
	T8	3/16" Crow Foot, 11 3/4" torque center		AT4	Wobble Drive, 6" long, 12° swivel
T742	T9	Speeder, 17 1/4" long, 3 3/8" sweep		AT5	Wobble Drive, 12" long, 12° swivel
	T27	Drag Link Socket, 1 1/8" long, .116 thick, 1 1/16" wide		4206	1/2" sq. Female, 3/8" sq. Male Adaptor
T706	T28	Ratchet Handle with lug, 6 1/2" long		4215	3/8" sq. Female, 1/2" sq. Male Adaptor
T706A	T29A	Lug for Ratchet No. T706 (T28)		4216	3/8" sq. Female, 1/4" sq. Male Adaptor
T720	T30	Hinge Handle, 7 3/8" long		4217	1/4" sq. Female, 3/8" sq. Male Adaptor
T603	T31	Extension, 3" long			
T775	T32	Cross Handle, 5/16" diam., 6" long for T720 (T30)			

See Sec. 4, P. 8 for 3/8" Torque Wrenches

*Usually subjected to extremely hard service, this tool cannot be guaranteed.

SOCKETS & ATTACHMENTS



Bonaloy Small Series Sockets

3/8 INCH SQUARE DRIVE



T10 Series
TH Series



LT Series
T120 Series



TUI2 Series
TUI20 Series



TS Series
T20



Double Hexagon & Hexagon Sockets

Double Hexagon No.	Hexagon No.	Op'ng.	Lg'th.	Outside Diameter		Regular Series		Heavy Series	Light Series	Cap Screw
				Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
T10	TH8	1/4	29/32	3/8	21/32	1/4	No. 4	1/4	1/4	1/4
T12	TH10	5/16	29/32	29/64	21/32		No. 5&6			
T14	TH12	3/8	29/32	17/32	21/32		No. 10			
T16	TH14	7/16	29/32	39/64	21/32		1/4, also No. 12 & 14			
T18	TH16	1/2	29/32	11/16	11/16	5/16	5/16	5/16	5/16	5/16
T19	TH18	9/16	29/32	25/32	25/32	3/8	3/8	3/8	3/8	3/8
T20	TH20	19/32	19/16	25/32	25/32	7/16	7/16	7/16	7/16	7/16
T22	TH22	11/16	19/16	59/64	59/64	1/2	1/2	1/2	1/2	1/2
T24	TH24	3/4	13/16	1 1/16	1 1/16	9/16	9/16	9/16	9/16	9/16
T26	TH26	25/32	17/32	1 1/8	1 1/8	5/8	5/8	5/8	5/8	5/8
T28	TH28	13/16	17/32	1 1/8	1 1/8	3/4	3/4	3/4	3/4	3/4
T29	TH29	7/8	1 1/32	1 5/8	1 5/8	7/8	7/8	7/8	7/8	7/8

SINGLE SQUARE SOCKET

T29	9/32	29/32	17/32	21/32						
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Double Square Sockets

No.	Opening	Length	Outside Diameter		Regular Series		Heavy Series	Set Screw
			Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	
TS12	3/8	29/32	11/16	11/16	1/4			3/8
TS14	7/16	29/32	29/32	29/32		1/4		7/16
TS16	1/2	15/16	1 1/8	1 1/8	5/16		1/4	1/2
TS18	9/16	13/16	1 5/8	1 5/8	3/8	5/16		9/16
TS20	5/8	17/32	1 1/16	1 1/16	7/16	7/8		5/8

Flexible Double Hexagon & Hexagon Sockets, Friction Drag

Double Hexagon No.	Hexagon No.	Op'ng.	Lg'th.	Outside Diameter		Regular Series		Heavy Series	Light Series	Cap Screw
				Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
TUI2	TUI20	3/8	123/32	17/32	11/16	1/4	No. 10	1/4, also No. 12 & 14	1/4	1/4
TUI4	TUI40	7/16	123/32	39/64	11/16	5/16	5/16			
TUI6	TUI60	1/2	123/32	11/16	11/16	3/8	3/8			
TUI8	TUI80	9/16	13/4	25/32	11/16	7/16	7/16			
TUI20	TUI200	5/8	1 1/4	27/32	1 1/16					

Double Hexagon & Hexagon Extra Deep Sockets

Double Hexagon No.	Hexagon No.	Op'ng.	Lg'th.	Outside Diameter		Regular Series		Heavy Series	Light Series	Cap Screw
				Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
LT12	T120	3/8	1 3/4	17/32	21/32	1/4	No. 10	1/4, also No. 12 & 14	1/4	1/4
LT14	T140	7/16	2	39/64	21/32	5/16	5/16			
LT16	T160	1/2	2	1 1/16	21/32	3/8	3/8			
LT18	T180	9/16	2	25/32	25/32	7/16	7/16			
LT20	T200	5/8	2 1/4	27/32	27/32					
LT22	T220	11/16	2 1/2	59/64	59/64					
LT24	T240	3/4	2 1/2	1 1/8	1 1/8	1/2	1/2			
LT26	T260	13/16	2 1/2	1 1/8	1 1/8	9/16	9/16			
LT28	T280	7/8	2 1/2	1 5/8	1 5/8	1 1/2	1 1/2			



SOCKETS & ATTACHMENTS

Crow Foot Wrenches

For work on tubing fittings, especially useful for torque wrench adjustments in obtaining specified torques.

NOTE: For flare nut connections only. Not to be used on work requiring heavy pull.



Open End Type - 3/8" Drive

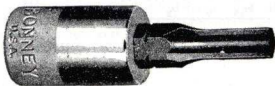
Tool No.	Size	Drive	Head Thickness	Torque Center
TC11	1 1/32	3/8	3/8	1 1/2
TC12	1 1/8	3/8	3/8	1 1/2
TC14	7/16	3/8	3/8	1 1/2
TC16	1/2	3/8	3/8	1 1/2
TC18	9/16	3/8	3/8	1 1/2
TC20	5/8	3/8	3/8	1 1/2
TC22	11/16	3/8	3/8	1 1/2
TC24	3/4	3/8	1/2	1 1/2
TC26	13/16	3/8	1/2	1 1/2
TC28	7/8	3/8	1/2	1 1/2



Box Type - 3/8" Drive

Tool No.	Size	Drive	Head Thickness	Width of Slot	Torque Center
TF90	5/8	3/8	3/4	1 1/32	3/4
TF92	1 1/16	3/8	7/8	1 1/32	5/8
TF94	3/4	3/8	25/32	7/8	27/32
TF96	13/16	3/8	25/32	7/8	57/64
TF98	7/8	3/8	1 1/8	1 1/16	63/64
TF30	1 1/8	3/8	1 1/4	25/16	63/64
TF32	1	3/8	27/32	3/4	1 1/32
TF34	1 1/16	3/8	27/32	25/32	1 1/16

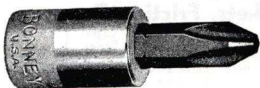
Wrenches for Clutch Head Screws - 3/8" Drive



Blades and drive sockets are carefully heat treated. For close clearance work or where force is required. Blades retained by means of hexagon set screw. Bits are replaceable.

No.	Clutch Size	Bit Length	Overall Length	Nominal Size of Screw
TCL3	5/32	1 1/8	2 1/16	#6 Flat, Oval Countersunk, Fillister & Hex Head #8 All Heads #10 Round, Fillister, Binding & Hex Heads #12 Flat & Oval Countersunk Heads #14 & 1/4" All Heads 5/16" All Heads 3/8" Round, Fillister, Binding & Hex Heads
TCL5	1/4	1 1/8	2 1/16	
TCL7	5/16	1 1/2	2 3/16	

Wrenches for Phillips Head Screws - 3/8" Drive



These wrenches are provided for body work and door frames where it is necessary to exert considerable force to break loose or reset a Phillips fastener. Blades retained by means of hexagon set screw. Bits are replaceable.

No.	Phillips Point	Bit Length	Overall Length	Screw Sizes
TP1	#1	1 1/4	1 15/16	#4 and Smaller
TP2	#2	1 1/4	1 15/16	#5 to #9 inc.
TP3	#3	1 1/4	1 15/16	#10 to #16 inc.
TP4	#4	1 1/4	1 15/16	#18 and larger

(See Section 6, Page 3, for additional sizes serviced.)

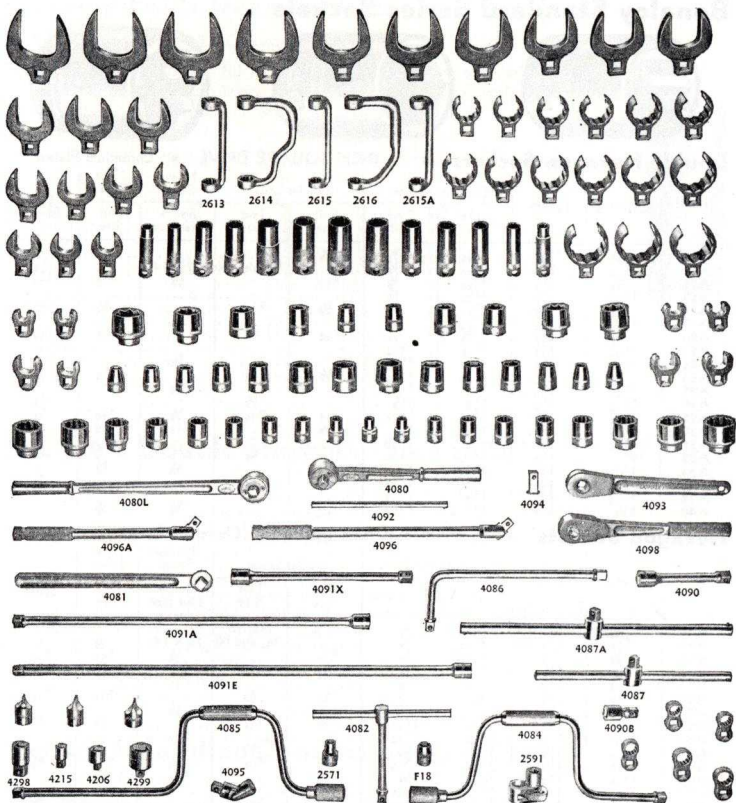
Wrenches for Socket Head Screws - 3/8" Drive



These wrenches are made for all the popular sizes of set screws and cap screws. They are strong, easy to use and the bits are replaceable.

No.	Across Flats	Length Bit	Length Overall	Screw Dia.				
				Set	Socket Head Cap	Flat Head Cap	Shoulder	Pipe Plug
TW4	1/4	1 1/4	2	1/4	#8	#10	1/4	1/4
TW5	5/32	1 1/4	2	5/32	#10	3/4	5/16	5/16
TW6	3/16	1 1/4	2	3/16	1/4	2 1/4	3/8	3/8
TW7	7/32	1 1/4	2	7/32	5/16	7/8	1/2	1/2
TW8	1/4	1 1/4	2	1/4	3/8	1 1/2	3/4	3/4
TW10	5/16	1 1/4	1 15/16	5/16	1/2	1 1/2	3/4	3/4
TW12	3/8	1 1/4	1 1/8	3/8	3/4	1 1/2	3/4	3/4

SOCKETS & ATTACHMENTS



Bonaley Standard Series Handles and Attachments

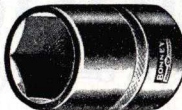
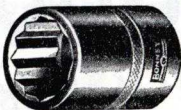
1/2 INCH SQUARE DRIVE
Chromium Plated

New No.	Old No.	Description	New No.	Old No.	Description
2613*		3/4" Dbl. Hex., 2 1/8" long, 1 1/8" sweep	A602	4090B	Extension, 2" long
2614*		3/4" Dbl. Hex., 2 1/8" long, 3 1/8" sweep	A610	4091X	Extension, 10" long
2615A*		1 1/8" Dbl. Hex., 2 1/8" long, 1 1/8" sweep	A620	4091A	Extension, 30" long
2615*		3/4" Dbl. Hex., 2 1/8" long, 3 1/8" sweep	A626	4091E	Extension, 26" long
2616*		3/4" Dbl. Hex., 2 1/8" long, 2 3/8" sweep	A775	4092	Cross Handle, 8" long, 3/8" diam. for hinge handles
A700	4080	*Cylinder head nut, torque wrench attach.	A706	4093	Ratchet Handle with Lug, 9 1/2" long
A702	4080L	Reversible Ratchet, 10" long	A706A	4094	Lug for Ratchet No. A706 (4093)
A750	4081	Reversible Ratchet, 15" long	A760	4095	Universal Joint, Friction Drag
A770	4082	Offset Handle, 1 1/8" long	A782	4096	Hinge Handle, 15 1/2" long
A740	4084	"T" Handle, 6" long	A782A	4096A	Hinge Handle, 12 1/2" long
A744	4085	Brace, 14 1/2" long, 5" sweep	A784	4096C	Hinge Handle, 18" long
A752	4086	Speeder, 19 1/4" long, 5" sweep	A704	4098	Reversible Ratchet, 10" long
A730	4087	Offset Handle, 10" long, 3" offset	4206		1 1/2" sq. Female, 3/4" sq. Male Adaptor
A732	4087A	Sliding "T" Handle, 11" long	4215		3/8" sq. Female, 1/2" sq. Male Adaptor
A605	4090	Sliding "T" Handle, 15" long	4298		1/2" sq. Female, 3/4" sq. Male Adaptor
		Extension, 5" long	4299		3/4" sq. Female, 1/2" sq. Male Adaptor



SOCKETS & ATTACHMENTS

Bonaloy Standard Series Sockets



Double Hexagon Sockets • 1/2 INCH SQUARE DRIVE • Chromium Plated

No.	Opening	Length	Outside Diameter		Regular Series		Heavy Series	Light Series	Cap Screw
			Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
A12	3/8	1 1/2	9/16	7/8	1/4	No. 10			
A14	7/16	1 1/2	41/64	7/8		1/4, also No. 12 & 14)		1/4	1/4
A16	1/2	1 1/2	47/64	7/8	5/16		1/4	5/16	5/16
A17	17/32	1 1/2	25/32	7/8					
A18	9/32	1 1/2	13/32	7/8	3/8	5/16		3/8	3/8
A19	19/32	1 1/2	27/32	7/8	7/16	3/8	5/16	7/16	7/16
A20	5/8	1 1/2	7/8	7/8					
A21	21/32	1 1/2	15/16	15/16					
A22	11/16	1 1/2	31/32	31/32			3/8		
A24	3/4	1 1/2	1 1/32	1 1/32	1/2	7/16	7/16	1/2	1/2
A25	25/32	1 1/2	1 1/16	1 1/16					
A26	13/16	1 1/2	1 1/8	1 1/8					
A28	7/8	1 1/2	1 3/16	1 3/16	9/16	9/16	1/2	9/16	9/16
A30	15/16	1 3/16	1 1/4	1 1/4	5/8		9/16	5/8	
A31	31/32	1 3/8	1 9/32	1 3/16					
A32	1	1 3/8	1 11/32	1 3/16		5/8			3/4
A34	1 1/16	1 3/4	1 7/16	1 7/16					
A36	1 1/8	1 3/4	1 15/16	1 15/16	3/4	3/4			7/8
A38	1 3/16	1 3/4	1 15/8	1 3/16					
A40	1 1/4	1 3/4	1 11/16	1 3/16			3/4	7/8	

Hexagon Sockets • 1/2 INCH SQUARE DRIVE • Chromium Plated

No.	Opening	Length	Outside Diameter		Regular Series		Heavy Series	Light Series	Cap Screw
			Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
4012	3/8	1 1/2	9/16	7/8	1/4	No. 10			
4014	7/16	1 1/2	41/64	7/8		1/4, also No. 12 & 14)		1/4	1/4
4016	1/2	1 1/2	47/64	7/8	5/16		1/4	5/16	5/16
4018	9/16	1 1/2	13/16	7/8	3/8	5/16		3/8	3/8
4019	19/32	1 1/2	27/32	7/8			5/16		
4020	5/8	1 1/2	7/8	7/8	7/16	3/8		3/16	7/16
4022	11/16	1 1/2	31/32	31/32					
4024	3/4	1 1/2	1 1/32	1 1/32	1/2	7/16	7/16	1/2	1/2
4025	25/32	1 1/2	1 1/16	1 1/16					
4026	13/16	1 1/2	1 1/8	1 1/8					
4028	7/8	1 1/2	1 3/16	1 3/16	9/16	9/16	1/2	9/16	9/16
4030	15/16	1 3/16	1 1/4	1 1/4	5/8		9/16	5/8	
4031	31/32	1 3/8	1 9/32	1 3/16					
4032	1	1 3/8	1 11/32	1 3/16		5/8			3/4
4034	1 1/16	1 3/4	1 7/16	1 7/16					
4036	1 1/8	1 3/4	1 15/16	1 15/16					
4038	1 3/16	1 3/4	1 15/8	1 3/16					
4040	1 1/4	1 3/4	1 11/16	1 3/16					

Double Square Sockets • 1/2 INCH SQUARE DRIVE • Chromium Plated

No.	Opening	Length	Outside Diameter		Regular Series		Heavy Series	Set Screw
			Socket End	Drive End	Bolt Size	Nut Size	Bolt & Nut Size	
4112	3/8	1 1/2	11/16	7/8	1/4	No. 10		3/8
4114	7/16	1 1/2	13/16	7/8		1/4, also No. 12 & 14)		7/16
4116	1/2	1 1/2	7/8	7/8	5/16		1/4	1/2
4118	9/16	1 1/2	1 1/32	1 1/32	3/8	5/16		9/16
4120	5/8	1 1/2	1 1/16	1 1/16	7/16	3/8		5/8
4122	11/16	1 1/2	1 3/16	1 3/16			3/8	
4124	3/4	1 3/4	1 1/4	1 1/4	1/2	7/16		3/4
4126	13/16	1 3/8	1 3/8	1 7/32				
4128	7/8	1 3/4	1 1/2	1 13/16	9/16	9/16	1/2	7/8
4130	15/16	1 3/4	1 5/8	1 3/16	5/8		9/16	
4132	1	1 3/4	1 11/16	1 3/16		5/8		1

SOCKETS & ATTACHMENTS



Bonaley Extra Deep Sockets

1/2 INCH SQUARE DRIVE—Chromium Plated

Bonney Extra-deep Sockets fill many applications but are especially suitable for removing and replacing spark plugs. They are designed with 1/2" square drive and have hole for use with No. 4092 Cross Handle.

No.	Openings	Outside Diameter		Length	Diameter
		Socket End	Drive End		
LD16	1/2	47/64	7/8	3/4	47/64
LD18	9/16	13/16	7/8	3/4	13/16
LD20	5/8	7/8	7/8	3/4	7/8
LD22	11/16	15/16	15/16	3/4	15/16
LD24	3/4	1 1/32	1 1/32	3/4	1 1/32
LD25	25/32	1 1/16	1 1/16	3/4	1 1/16
LD26T	15/16	1 1/16	1 1/8	3/4	1 1/16
LD28	7/8	1 1/16	1 5/16	3/4	1 5/16
LD28T	7/8	1 5/16	1 5/16	3/4	1 5/16
LD30	15/16	1 1/4	1 1/4	3/4	1 1/4
LD32	1	1 11/32	1 11/32	3/4	1 11/32
LD32T	1	1 9/32	1 11/32	3/4	1 9/32
LD34	1 1/16	1 7/16	1 7/16	3/4	1 7/16
LD36	1 1/8	1 1/2	1 1/2	3/4	1 1/2

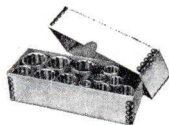


No. AA4 Double Hexagon Socket Set . 12 Pieces

No.	Description
A14	7/16" Double Hexagon Socket
A16	1/2" Double Hexagon Socket
A18	9/16" Double Hexagon Socket
A19	5/8" Double Hexagon Socket
A20	11/16" Double Hexagon Socket
A22	3/4" Double Hexagon Socket
A24	25/32" Double Hexagon Socket
A25	13/16" Double Hexagon Socket
A26	7/8" Double Hexagon Socket
A28	15/16" Double Hexagon Socket
A30	1" Double Hexagon Socket
A32	1 1/8" Double Hexagon Socket

Net Weight 2 1/4 lbs

The Bonney AA4 Set contains the most useful 1/2" double hexagon sockets. Furnished in cardboard box only.



No. 2571 Cadillac Connecting Rod Socket 1/2" DRIVE



This is a straight walled 7/16 inch single hexagon socket with 1/2 inch drive, designed to fit the close clearance on Cadillac connecting rods in models prior to 1949. Because of thin wall, necessary to meet the requirements of this application, this tool is not guaranteed. The length of the socket is 1 3/8 inches.

No. F18 Connecting Rod Socket for Ford V8

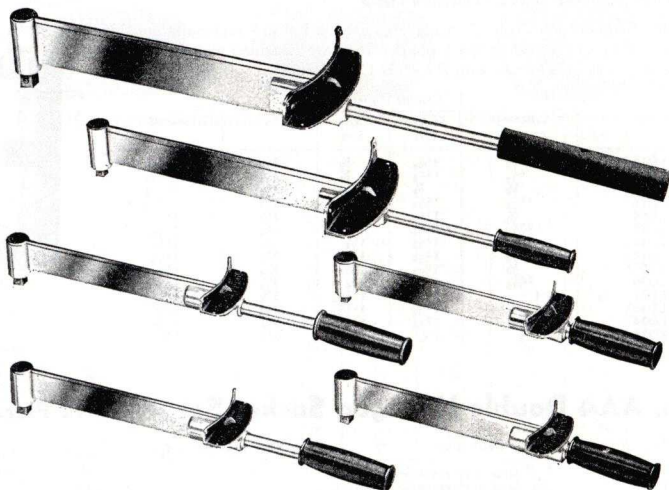
A special socket for adjusting Ford V8 connecting rod bearing cap nuts. It has a 9/16" hexagon opening and is equipped for 1/2" square drive.

The nose of the socket is very thin to make this adjustment easily. Made of Bonaley Steel, chrome plated and polished. Because of the thin wall construction of this socket, it cannot be guaranteed.





SOCKETS & ATTACHMENTS



FN Series, Bonney Torque Wrenches

$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ INCH
SQUARE DRIVES

This newly designed line of Bonney Torque Wrenches features a broad, pre-tested tension bar. Handles are pivot-mounted to maintain a constant leverage radius and calibrations are easy to read. Their long, thin design provides easy access to tight spots. Available in foot pound or inch pound calibrations as listed:

No.	Drive	Capacity Ft. Lbs.	Graduations In Steps Of	Capacity Inch Lbs.	Graduations In Steps Of	Length	Weight
FN25	$\frac{3}{8}$	0-25	1 ft. lb.			15 $\frac{1}{4}$	2 $\frac{1}{4}$
FN50A	$\frac{3}{8}$	0-50	2 $\frac{1}{2}$ ft. lb.			15 $\frac{1}{4}$	2 $\frac{1}{2}$
FN50	$\frac{1}{2}$	0-50	2 $\frac{1}{2}$ ft. lb.			15 $\frac{1}{4}$	2 $\frac{1}{2}$
FN100	$\frac{1}{2}$	0-100	5 ft. lb.			17 $\frac{1}{2}$	2 $\frac{3}{4}$
FN150	$\frac{1}{2}$	0-150	5 ft. lb.			20 $\frac{1}{2}$	3 $\frac{1}{4}$
FN200	$\frac{1}{2}$	0-200	5 ft. lb.			26 $\frac{1}{2}$	5 $\frac{1}{2}$
FN300	$\frac{3}{4}$	0-300	10 ft. lb.			34 $\frac{3}{4}$	10 $\frac{1}{2}$
FN300-I	$\frac{3}{8}$			0-300	12 $\frac{1}{2}$ in. lb.	15 $\frac{1}{4}$	2 $\frac{1}{4}$
FN600-I	$\frac{1}{2}$			0-600	25 in. lb.	15 $\frac{1}{4}$	2 $\frac{1}{2}$
FN1200-I	$\frac{1}{2}$			0-1200	50 in. lb.	17 $\frac{1}{2}$	2 $\frac{3}{4}$
FN1800-I	$\frac{1}{2}$			0-1800	50 in. lb.	20 $\frac{1}{2}$	3 $\frac{3}{4}$
FN2400-I	$\frac{1}{2}$			0-2400	50 in. lb.	26 $\frac{1}{2}$	5 $\frac{1}{2}$
FN3600-I	$\frac{3}{4}$			0-3600	100 in. lb.	34 $\frac{3}{4}$	10 $\frac{1}{2}$

NOTE: See page 49 for cylinder head stud nut attachments.

SOCKETS & ATTACHMENTS



Open End Type Crow Foot Wrenches

No.	Size	Drive	Head Thickness	Torque Center	No.	Size	Drive	Head Thickness	Torque Center
AC30	1 1/16	3/4	1/2	1 3/4	AC64	2	1 1/2	5/8	2 1/4
AC32	1 1/8	1/2	1/2	1 3/4	AC66	2 1/16	1 1/2	5/8	2 1/4
AC34	1 1/8	1/2	1/2	1 3/4	AC68	2 1/8	1 1/2	5/8	2 1/4
AC36	1 1/8	1/2	1/2	1 3/4	AC70	2 1/8	1 1/2	5/8	2 1/4
AC38	1 3/8	1/2	1/2	1 3/4	AC72	2 3/8	1 1/2	5/8	2 1/4
AC40	1 3/8	1/2	1/2	1 3/4	AC74	2 3/8	1 1/2	5/8	2 1/4
AC42	1 3/8	1/2	1/2	2	AC76	2 3/8	1 1/2	5/8	2 1/4
AC44	1 3/8	1/2	1/2	2	AC78	2 3/8	1 1/2	5/8	2 1/4
AC46	1 7/8	1/2	5/8	2	AC80	2 3/8	1 1/2	5/8	2 1/4
AC48	1 7/8	1/2	5/8	2	AC82	2 7/8	1 1/2	5/8	2 1/4
AC50	1 7/8	1/2	5/8	2	AC84	2 7/8	1 1/2	5/8	2 1/4
AC52	1 7/8	1/2	5/8	2	AC86	2 7/8	1 1/2	5/8	2 1/4
AC54	1 11/16	1/2	5/8	2 1/4	AC88	2 7/8	1 1/2	5/8	2 1/4
AC56	1 11/16	1/2	5/8	2 1/4	AC90	2 11/16	1 1/2	5/8	2 1/4
AC58	1 11/16	1/2	5/8	2 1/4	AC92	2 11/16	1 1/2	5/8	2 1/4
AC60	1 11/16	1/2	5/8	2 1/4	AC94	2 11/16	1 1/2	5/8	2 1/4
AC62	1 11/16	1/2	5/8	2 1/4	AC96	3	1 1/2	5/8	2 1/4



Box Type Crow Foot Wrenches

No.	Size	Drive	Head Thickness	Width of Slot	Torque Center
AF36	1 1/8	1/2	1 1/16	2 7/32	1 11/64
AF38	1 1/8	1/2	1 1/16	2 9/32	1 11/64
AF40	1 1/8	1/2	1 1/16	2 11/32	1 11/64
AF42	1 1/8	1/2	1 1/16	3 1/32	1 9/32
AF44	1 1/8	1/2	1	1 11/16	1 21/64
AF46	1 1/8	1/2	1	1 11/16	1 21/64
AF48	1 1/8	1/2	1	1 11/16	1 21/64
AF50	1 1/8	1/2	1	1 11/16	1 21/64
AF52	1 1/8	1/2	1	1 11/16	1 21/64
AF54	1 11/16	1/2	1 1/4	1 11/16	1 17/32
AF56	1 3/8	1/2	1 1/16	1 11/16	1 9/16
AF58	1 3/8	1/2	1 1/16	1 11/16	1 9/16
AF60	1 3/8	1/2	1 1/16	1 11/16	1 9/16
AF62	1 11/16	1/2	1 1/8	1 7/8	1 11/16
AF64	2	1/2	1 1/8	1 7/8	1 17/64

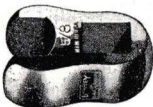


Crow Foot Attachments—Useful in making adjustments in "hard-to-get-at" places. Designed with standard 1/2" square drive.



No.	Openings	Drive	Head Thickness	Torque Center
2866	1/2" Double Hexagon	1/2	9/16	7/8
2868	9/16" Double Hexagon	1/2	9/16	1 1/16
2870	5/8" Double Hexagon	1/2	9/16	1 1/16
2872	11/16" Double Hexagon	1/2	9/16	1
2874	3/4" Double Hexagon	1/2	9/16	1

Special Crow Foot Open End Attachments—Bonafloy Steel. Designed for use with handles having 1/2" square drive.



No.	Openings	Drive	Head Thickness	Torque Center
6603C	1/2	1/2	9/16	2 7/64
6603D	7/8	1/2	9/16	2 3/32
6603A	9/16	1/2	9/16	5 5/64
6603	11/16	1/2	19/32	5 5/64
6603B	3/4	1/2	19/32	5 5/64
6606	3/4	1/2	5/8	1 5/32
6606A	1 1/16	1/2	5/8	1 1/8
6606B	7/8	1/2	5/8	1 3/32

No. 2591 Stud Wrench



Made for use with 1/2" square drive handles and attachments for removing and setting studs.

Designed to take studs from 1/4" to 3/4" in diameter, it has an eccentrically mounted roller with a deeply milled edge which provides a non-slipping, non-burring, gripping device.



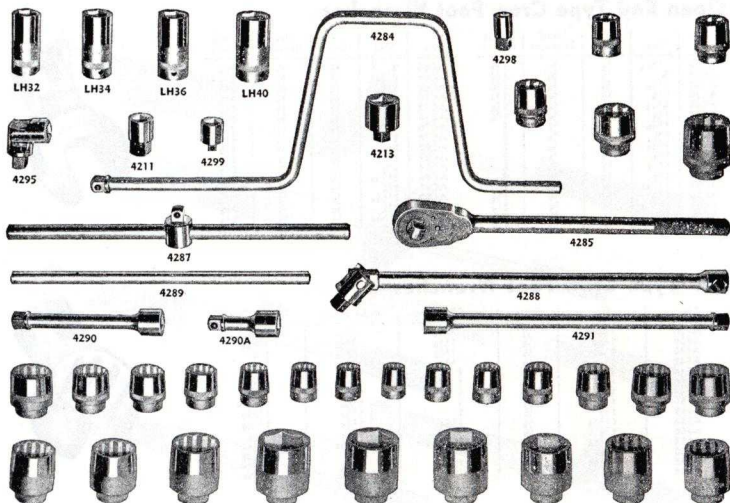
Drag Link Sockets

They are designed for use with 1/2" square drive attachments for drag link adjustments on passenger cars and trucks.

No.	Bld. Thick.	Width	Adjustments
4001	.150	1 5/16	Passenger Cars
4001A	.109	4 5/64	Model "A" Ford Trucks
4002	.150	1 3/16	



SOCKETS & ATTACHMENTS



Bonaloy Heavy-Duty Handles and Attachments

$\frac{3}{4}$ INCH SQUARE DRIVE
Chromium Plated

New No.	Old No.	Description	New No.	Old No.	Description
	4211	$\frac{3}{4}$ " sq. Female, 1" sq. Male Adaptor	R609	4290	Extension, $8\frac{1}{2}$ " long
	4213	1" sq. Female, $\frac{3}{4}$ " sq. Male Adaptor	R604	4290A	Extension, 4" long
R742	4284	Brace, 28" long	R617	4291	Extension, $16\frac{1}{2}$ " long
R704	4285	Reversible Ratchet Handle, 20" long	4295		Universal Joint Friction Drag
R730	4287	Sliding "T" Handle, 20" long	4298		$\frac{1}{2}$ " sq. Female, $\frac{3}{4}$ " sq. Male Adaptor
R720	4288	Hinge Handle, 22" long	4299		$\frac{3}{4}$ " sq. Female, $\frac{1}{2}$ " sq. Male Adaptor
R775	4289	Cross Handle, $1\frac{1}{16}$ " dia., $16\frac{3}{8}$ " long for No. 4288			

See Sec. 4, P. 8 for $\frac{3}{4}$ " Torque Wrenches

Heavy-Duty Extra Deep Hexagon Sockets $\frac{3}{4}$ INCH SQUARE DRIVE

Chromium Plated

These are heavy-duty deep sockets designed to be used for truck U bolts and any other application where the bolt extends through the nut. Precision broached for accurate fit.



New No.	Old No.	Opening	Length
RLH32	LH32	1	$3\frac{1}{2}$
RLH34	LH34	$1\frac{1}{16}$	$3\frac{1}{2}$
RLH36	LH36	$1\frac{1}{8}$	$3\frac{1}{2}$
RLH40	LH40	$1\frac{1}{4}$	$3\frac{1}{2}$

SOCKETS & ATTACHMENTS



Bonaloy Heavy-Duty Sockets

3/4 INCH SQUARE DRIVE

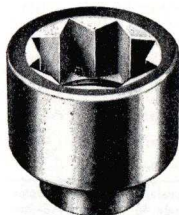
Chromium Plated

Double Hexagon Sockets



New No.	Old No.	Opening	Length	Regular Series		Heavy Series	Light Series	Cap Screw
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
R28	HD28	7/8	1 7/8	9/16	9/16	1/2	9/16	3/8
R30	HD30	15/16	1 7/8	5/8	.....	9/16	5/8	.....
R31	HD31	31/32	1 7/8	.....	.....	.....	.....	.....
R32	HD32	1	1 7/8	.....	5/8	.....	.....	3/4
R34	HD34	1 1/16	1 5/16	.....	.....	5/8	3/4	.....
R36	HD36	1 1/8	2	3/4	3/4	.....	.....	7/8
R38	HD38	1 3/16	2 1/16	.....	.....	.....	.....	.....
R40	HD40	1 1/4	2 1/8	.....	.....	3/4	7/8	.....
R42	HD42	1 5/16	2 3/16	7/8	7/8	.....	.....	1
R44	HD44	1 3/8	2 1/4	.....	.....	.....	.....	.....
R46	HD46	1 7/16	2 5/16	.....	.....	7/8	1	.....
R48	HD48	1 1/2	2 3/8	1	1	.....	.....	1 1/8
R50	HD50	1 9/16	2 7/16	.....	.....	.....	.....	.....
R52	HD52	1 5/8	2 1/2	.....	.....	1	1 1/8	.....
R54	HD54	1 11/16	2 7/16	1 1/8	1 1/8	.....	.....	1 1/4
R56	HD56	1 3/4	2 1/2	.....	.....	.....	.....	.....
R58	HD58	1 13/16	2 13/16	.....	.....	1 1/8	1 1/4	.....
R60	HD60	1 7/8	2 7/8	1 1/4	1 1/4	.....	.....	.....
R64	HD64	2	3	.....	.....	1 1/4	1 3/8	.....
R66	4266	2 1/16	3 1/16	1 3/8	1 3/8	.....	.....	.....
R68	4268	2 1/8	3 1/8	.....	.....	.....	.....	.....
R70	4270	2 3/16	3 3/16	.....	.....	1 3/8	1 1/2	.....
R72	4272	2 1/4	3 3/16	1 1/2	1 1/2	.....	.....	.....

Double Square Sockets



New No.	Old No.	Opening	Length	Regular Series		Heavy Series	Set Screw
				Bolt Size	Nut Size	Bolt & Nut Size	
RS28	S4228	7/8	2 1/8	9/16	9/16	1/2	7/8
RS32	S4232	1	2 1/4	.....	5/8	.....	1
RS34	S4234	1 1/16	2 5/16	.....	.....	5/8	.....
RS40	S4240	1 1/4	2 11/16	.....	.....	3/4	1 1/4
RS46	S4246	1 7/16	3 3/16	.....	.....	7/8	.....



NOTE: Single hexagon sockets will be supplied as long as stock lasts.

Extra-Heavy-Duty Double Hexagon Sockets

Extra-Heavy-Duty Handles and Attachments

BONNEY FORGE & TOOL WORKS, ALLENTOWN, PENNSYLVANIA

WRENCHES

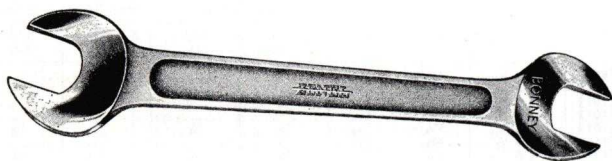


ZENEL Open End Wrenches

Zenel Steel from which these open end wrenches are made is the strongest, toughest wrench steel known and is found only in wrenches manufactured by Bonney.

Bonney Wrenches made of Zenel Steel, not only wear well under the most severe use, but are virtually unbreakable. In fact, they actually outlast two or three wrenches made of ordinary steels.

Full advantage has been taken of the properties found in this steel. As a result Zenel Open End Wrenches have narrower heads, permitting their use in work in "hard-to-get-at" places; handles are longer and thinner than on ordinary wrenches, providing greater leverage and reducing the weight of the wrenches themselves. The concave handle section provides a firm, comfortable grip. Drop forged, heat-treated and fully chrome plated with polished heads, Zenel Open End Wrenches are the best buy on the market in tools of this type.



No.	Opening	Length	Head Thickness	Regular Series		Heavy Series	Light Series		
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	Cap Screws	
3020	$\frac{1}{4}$ & $\frac{5}{16}$	$4\frac{1}{4}$	$\frac{3}{16}$						
3721	$\frac{5}{16}$ & $\frac{3}{8}$	$4\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{4}$					
3723	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{3}{4}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	
3723A	$\frac{3}{8}$ & $\frac{1}{2}$	$4\frac{3}{4}$	$\frac{7}{32}$	$\frac{1}{4}$ & $\frac{3}{16}$		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	
3725	$\frac{7}{16}$ & $\frac{1}{2}$	$5\frac{3}{4}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	
3725B	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{3}{4}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	
3025	$\frac{1}{2}$ & $1\frac{1}{32}$	$5\frac{3}{4}$	$\frac{1}{4}$	$\frac{5}{16}$		$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$		
3727	$\frac{9}{16}$ & $\frac{5}{8}$	7	$\frac{9}{32}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	
3027C	$\frac{9}{16}$ & $1\frac{1}{16}$	7	$\frac{9}{32}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	
3027	$1\frac{1}{32}$ & $1\frac{1}{16}$	7	$\frac{9}{32}$			$\frac{5}{16}$ & $\frac{3}{8}$			
3028S	$\frac{5}{8}$ & $2\frac{25}{32}$	8	$\frac{5}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	
3729	$\frac{5}{8}$ & $\frac{3}{4}$	8	$\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$		
3029	$1\frac{1}{16}$ & $2\frac{25}{32}$	8	$\frac{5}{16}$			$\frac{3}{8}$ & $\frac{7}{16}$			
3731	$\frac{3}{4}$ & $1\frac{13}{16}$	$9\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$		$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{9}{16}$	
3731A	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	
3031	$2\frac{25}{32}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{3}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	
3033A	$\frac{7}{8}$ & $1\frac{5}{16}$	$10\frac{1}{4}$	$\frac{3}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{5}{8}$	
3733	$\frac{7}{8}$ & 1	11	$1\frac{15}{32}$	$\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$	
3034	$\frac{7}{8}$ & $1\frac{1}{16}$	11	$1\frac{15}{32}$	$\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{5}{8}$	
3033C	$1\frac{5}{16}$ & 1	11	$1\frac{15}{32}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$
3034A	$1\frac{15}{16}$ & $1\frac{1}{16}$	11	$1\frac{15}{32}$	$\frac{3}{4}$		$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{5}{8}$ & $\frac{3}{4}$		
3735	1 & $1\frac{1}{8}$	$12\frac{1}{2}$	$1\frac{17}{32}$	$\frac{3}{4}$	$\frac{3}{4}$ & $\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$ & $\frac{7}{8}$
3037	$1\frac{1}{16}$ & $1\frac{1}{4}$	$12\frac{1}{2}$	$1\frac{17}{32}$			$\frac{3}{4}$ & $\frac{3}{4}$	$\frac{3}{4}$ & $\frac{7}{8}$		
3737	$1\frac{1}{8}$ & $1\frac{1}{4}$	$12\frac{1}{2}$	$1\frac{17}{32}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	



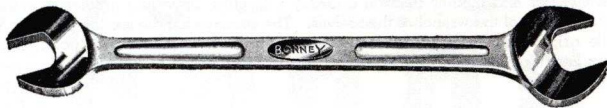
WRENCHES

Bonney Streamlined Wrenches

Bonney leads again with a new design in wrenches—streamlined, slim, trim, light in weight and well balanced. Easier to handle, easier on the hands. Handles are rounded and smooth. No sharp edges or rough spots to make hands sore.

Wrench openings are accurate, assuring a firm hold on the nut. Narrow heads, without sacrifice of strength, permit getting into tight places. By its looks, by its heft, by its feel, the new Bonney Wrench says to the **real** mechanic: "Here's a wrench you can depend on."

Available in sizes shown in table below, the five sizes listed last are standard type:



No.	Opening	Length	Head Thickness	Regular Series		Heavy Series	Light Series	Cap Screws
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
E810	1/4 & 5/16	4 1/4	5/32					
E1011	5/16 & 11/32	4 3/4	3/16					
E1012	5/16 & 3/8	4 3/4	3/16	1/4				
E1013	5/16 & 13/32	4 3/4	3/16					
E1014	5/16 & 7/16	5 1/4	7/32	1/4	1/4		1/4	1/4
E1112	11/32 & 3/8	4 3/4	7/16	1/4	1/4			
E1214	3/8 & 7/16	5 1/4	15/32	1/4 & 5/16	1/4	1/4	1/4	1/4
E1216	3/8 & 1/2	5 3/4	15/64	5/16	1/4	1/4	5/16	5/16
E1316	13/32 & 1/2	5 3/4	15/64	5/16	1/4	1/4	1/4 & 3/8	1/4 & 3/8
E1416	7/16 & 1/2	5 3/4	15/64	3/8	1/4 & 5/16	1/4	5/16 & 3/8	5/16 & 3/8
E1418	7/16 & 9/16	6 1/4	1/4	5/16 & 3/8	5/16	1/4 & 5/16	5/16	5/16
E1618	1/2 & 9/16	6 1/4	1/4	3/8 & 7/16	5/16 & 3/8	1/4	3/8 & 7/16	3/8 & 7/16
E1619	1/2 & 19/32	6 1/4	1/4	5/16	5/16	1/4 & 5/16	5/16	5/16
E1820	9/16 & 5/8	7	17/64	3/8	5/16 & 3/8	3/8	3/8	3/8
E1822	9/16 & 11/16	7 3/4	9/32	3/8	5/16	3/8	3/8	3/8
E1922	19/32 & 11/16	7 3/4	9/32			5/16 & 3/8	5/16 & 3/8	
E1925	19/32 & 25/32	8 3/16	21/64	7/16	3/8	5/16 & 7/16	7/16	7/16
E2022	5/8 & 11/16	7 3/4	9/32	7/16 & 1/2	3/8 & 7/16	7/16	7/16 & 1/2	7/16 & 1/2
E2024	5/8 & 3/4	8 3/16	21/64	1/2	7/16	7/16	1/2	1/2
E2025	5/8 & 25/32	8 3/16	21/64	1/2	7/16	7/16	1/2	1/2
E2224	1 1/16 & 3/4	8 1/2	5/16			3/8 & 7/16		
E2225	1 1/16 & 13/16	8 1/2	5/16			3/8 & 1/2		
E2226	1 1/16 & 1 1/8	9 1/4	11/32	1/2	7/16 & 1/2	1/2	1/2 & 9/16	1/2 & 9/16
E2228	1 1/16 & 7/8	9 1/4	11/32	1/2	7/16 & 9/16	1/2	1/2 & 3/4	1/2 & 3/4
E2426	3/4 & 13/16	9 1/4	11/32	1/2	7/16 & 3/8	1/2	1/2	1/2
E2428	3/4 & 7/8	9 3/8	11/32	1/2	7/16 & 9/16	1/2	1/2	1/2
E2432	3/4 & 1	11 1/8	13/32	9/16	1/2	7/16	9/16	3/8
E2526	25/32 & 13/16	9 1/4	11/32	9/16	1/2	7/16 & 1/2	9/16	3/8
E2528	25/32 & 7/8	10	23/64	9/16	1/2	7/16	9/16	3/8
E2628	13/16 & 7/8	10	23/64	3/8	1/2	9/16	3/8	9/16
E2630	13/16 & 15/16	10 3/4	3/8	9/16 & 3/8	9/16 & 3/8	1/2 & 9/16	9/16 & 3/8	9/16 & 3/8
E2830	7/8 & 15/16	10 3/4	3/8	9/16	9/16 & 3/8	1/2	9/16 & 3/4	9/16 & 3/4
E2832	7/8 & 1	11 1/8	13/32	9/16	9/16	1/2	9/16	3/8
E2834	7/8 & 1 1/16	12 1/16	13/32	9/16	9/16	1/2	9/16	3/8
E3032	15/16 & 1	11 1/2	13/32	3/4	3/4	3/8 & 3/4	3/4	3/4
E3034	15/16 & 1 1/16	12 1/16	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E3236	1 1/16 & 1 1/8	12 3/8	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E3436	1 1/16 & 1 1/8	13 3/8	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E3440	1 1/8 & 1 1/4	13 3/8	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E3640	1 1/8 & 1 1/4	13 3/8	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E3642	1 1/8 & 1 5/16	13 3/8	7/16	3/4	3/4	3/8 & 3/4	3/4	3/4
E4042	1 1/8 & 1 5/16	14 3/4	17/32	3/4	3/4	3/8 & 3/4	3/4	3/4
E4044	1 1/4 & 1 3/8	14 3/4	17/32	3/4	3/4	3/8 & 3/4	3/4	3/4
E4046	1 1/4 & 1 7/16	14 3/4	17/32	3/4	3/4	3/8 & 3/4	3/4	3/4
1039A	1 5/16 & 1 1/2	14	9/16	7/8 & 1	7/8 & 1	7/8	1	1 & 1/8
1039C	1 3/8 & 1 7/16	14	9/16	7/8	7/8	7/8	1	1
1040	1 1/4 & 1 5/8	14	9/16	7/8	7/8	7/8	1	1
1041	1 7/16 & 1 5/8	16	3/4	1	1	1	1 1/8	1 1/8
1041B	1 1/2 & 1 5/8	16	3/4	1	1	1	1 1/8	1 1/8

WRENCHES



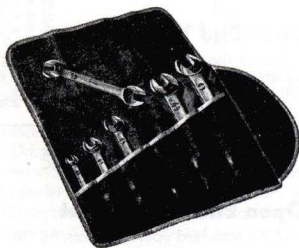
Bonaloy Open End Wrenches

Drop forged of Bonaloy Steel, this line of open end wrenches has through the years become the standard of comparison for other wrenches of similar type. Heads are thin and pear-shaped providing more turning room. Openings are precision-milled, providing a firm, accurate fit to the nut or bolt head without any possibility of slippage. See bottom of table on page 2 for wrench numbers 1039A to 1041B inclusive.



No.	Opening	Length	No.	Opening	Length	No.	Opening	Length
1020	1/4 & 5/16	3	1028S	5/8 & 25/32	7 1/2	1034	7/8 & 1 1/16	10 1/2
1721	5/16 & 3/8	3 3/4	1029B	11/16 & 3/4	8 1/4	1034A	15/16 & 1 1/16	10 1/2
1021	5/16 & 13/32	3 3/4	1029	11/16 & 25/32	8 1/4	1735	1 & 1/16	12
1723	3/8 & 7/16	4 1/8	1029C	11/16 & 13/16	8 1/4	1036B	1 1/16 & 1 1/8	12
1723A	3/8 & 1/2	4 1/8	1030	11/16 & 7/8	8 1/4	1037	1 1/16 & 1 1/4	12
1023	13/32 & 1/2	4 1/2	1731	3/4 & 13/16	9 1/4	1737	1 1/8 & 1 1/4	12
1725	7/16 & 1/2	5 5/8	1731A	3/4 & 7/8	9 1/4	1037A	1 1/8 & 1 5/16	12
1725A	7/16 & 9/16	5 5/8	1031B	25/32 & 13/16	9 1/4	1039B	1 1/4 & 1 5/16	14
1725B	7/8 & 9/16	6 1/8	1031	25/32 & 7/8	9 1/4	1739	1 1/4 & 1 3/8	14
1025	1/2 & 19/32	6 1/8	1731B	13/16 & 7/8	9 1/4	1039	1 1/4 & 1 7/16	14
1727	9/16 & 5/8	6 5/8	1732A	7/8 & 1	10	1039A	1 5/16 & 1 1/2	14
1027C	9/16 & 11/16	7 1/4	1032B	13/16 & 15/16	10	1040	1 1/4 & 1 1/8	14
1027	19/32 & 11/16	7 1/4	1033A	7/8 & 15/16	10	1039C	1 3/8 & 1 7/16	14
1027A	7/8 & 11/16	7 1/4	1733	7/8 & 1	10 1/2	1041	1 7/16 & 1 5/8	16
1028	19/32 & 25/32	7 1/2	1033C	15/16 & 1	10 1/2	1041B	1 1/2 & 1 5/8	16
1729	7/8 & 3/4	7 1/2						

ZENEL Open End Wrench Sets



No. Z40 Set • 6 Pieces

This set of Zenel Open End Wrenches includes all of the standard openings from 3/8" to 15/16". Z40R is available in leatherette roll, LR56. Z40 in cardboard box. Set contains one each of the following:

No.	Size Openings
3723	3/8 & 7/16
3725B	1/2 & 7/16
3027	19/32 & 1 1/16
3028S	5/8 & 25/32
3731	3/4 & 13/16
3033A	7/8 & 15/16

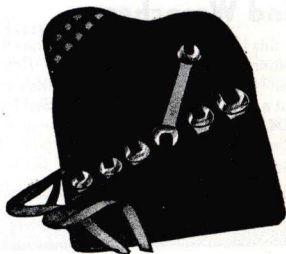
No. Z44 Set • 6 Pieces

The Zenel Open End Wrench Set Z44 covers the most popular openings from 3/8" to 1". Z44R is supplied in leatherette roll, LR56. Z44 in cardboard box. One each of the following are included:

No.	Size Openings
3723	3/8 & 7/16
3025	1/2 & 13/16
3027C	9/16 & 1 1/16
3028S	5/8 & 25/32
3731A	3/4 & 7/8
3033C	15/16 & 1



WRENCHES



No. N28 Bonaloy Open End Wrench Set • 5 Pieces

The No. N28 Set is composed of five open end wrenches with the most popular openings from $\frac{3}{8}$ " to $1\frac{1}{16}$ ". The set is packed in a cardboard box and contains one each of the following:

No.	Opening	No.	Opening
1723	$\frac{3}{8}$ & $\frac{7}{16}$	1731	$\frac{3}{4}$ & $1\frac{1}{16}$
1725B	$\frac{1}{2}$ & $\frac{9}{16}$	1033A	$\frac{7}{8}$ & $1\frac{5}{16}$
1027A	$\frac{5}{8}$ & $1\frac{1}{16}$		

No. N32 Bonaloy Open End Wrench Set • 6 Pieces

This set contains the popular range of sizes from $\frac{3}{8}$ " to $1\frac{1}{16}$ ". No. N32R is furnished in leatherette roll, LR56, Set No. N32 in cardboard box.

No.	Opening	No.	Opening
1723	$\frac{3}{8}$ & $\frac{7}{16}$	1027A	$\frac{5}{8}$ & $1\frac{1}{16}$
1725B	$\frac{1}{2}$ & $\frac{9}{16}$	1731	$\frac{3}{4}$ & $1\frac{1}{16}$
1028	$1\frac{1}{32}$ & $2\frac{5}{32}$	1033A	$\frac{7}{8}$ & $1\frac{5}{16}$

No. N36 Bonaloy Open End Wrench Set • 6 Pieces

Assembled to meet the demands of the farm trade and farm equipment dealers for a popular priced set to take care of adjustments on tractors and other farm equipment. N36R furnished in leatherette roll, LR56. N36 in cardboard box.

No.	Opening	No.	Opening
1721	$\frac{5}{16}$ & $\frac{3}{8}$	1729	$\frac{3}{8}$ & $\frac{3}{4}$
1725	$\frac{7}{16}$ & $\frac{9}{16}$	1731B	$1\frac{1}{16}$ & $\frac{7}{8}$
1027C	$\frac{9}{16}$ & $1\frac{1}{16}$	1033C	$1\frac{5}{16}$ & 1

No. N40 Bonaloy Open End Wrench Set • 6 Pieces

The No. N40 Set includes all of the standard openings from $\frac{3}{8}$ " to $1\frac{1}{16}$ ". No. N40R is packed in leatherette roll, LR56. No. N40 Set in cardboard box.

No.	Opening	No.	Opening
1723	$\frac{3}{8}$ & $\frac{7}{16}$	1028S	$\frac{5}{8}$ & $2\frac{5}{32}$
1725B	$\frac{1}{2}$ & $\frac{9}{16}$	1731	$\frac{3}{4}$ & $1\frac{1}{16}$
1027	$1\frac{1}{32}$ & $1\frac{1}{16}$	1033A	$\frac{7}{8}$ & $1\frac{5}{16}$

No. N44 Bonaloy Open End Wrench Set • 6 Pieces

This set covers the most popular openings from $\frac{3}{8}$ " to 1". Set No. N44R is furnished in leatherette roll, LR56. Set No. N44 in cardboard box.

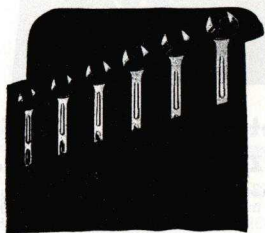
No.	Opening	No.	Opening
1723	$\frac{3}{8}$ & $\frac{7}{16}$	1028S	$\frac{5}{8}$ & $2\frac{5}{32}$
1025	$\frac{1}{2}$ & $1\frac{1}{32}$	1731A	$\frac{3}{4}$ & $\frac{7}{8}$
1027C	$\frac{9}{16}$ & $1\frac{1}{16}$	1033C	$1\frac{5}{16}$ & 1

WRENCHES



Bonney Streamlined Wrench Sets

The three sets listed below feature the new streamlined, lightweight Bonney wrenches. Any one of these sets, representing the most used sizes, might be chosen as a basis for the mechanic to change his complete wrench kit to this modern design.



No. N45 Set • 6 Pieces

This new set of wrenches provides all the popular size openings from $\frac{1}{4}$ " to $\frac{15}{16}$ ". N45R is furnished in leatherette roll, LR56. N45 in cardboard box. Set contains one each of the following:

No.	Size Openings
E810	$\frac{1}{4}$ & $\frac{5}{16}$
E1214	$\frac{3}{8}$ & $\frac{7}{16}$
E1618	$\frac{1}{2}$ & $\frac{9}{16}$
E2022	$\frac{5}{8}$ & $1\frac{1}{16}$
E2426	$\frac{3}{4}$ & $1\frac{1}{8}$
E2830	$\frac{7}{8}$ & $1\frac{1}{2}$

No. N46 Set • 6 Pieces

The N46 Set covers the most useful openings from $\frac{5}{16}$ " to 1". Set No. N46R is supplied in leatherette roll, LR56. Set N46 in cardboard. Includes one each of the following:

No.	Size Openings
E1012	$\frac{5}{16}$ & $\frac{3}{8}$
E1416	$\frac{7}{16}$ & $\frac{1}{2}$
E1820	$\frac{9}{16}$ & $\frac{5}{8}$
E2224	$1\frac{1}{16}$ & $\frac{3}{4}$
E2628	$1\frac{3}{16}$ & $\frac{7}{8}$
E3032	$1\frac{5}{16}$ & 1

No. N47 Set • 6 Pieces

Set No. N47 includes all standard openings from $\frac{3}{8}$ " to $1\frac{1}{16}$ ". No. N47R is available in leatherette roll, LR56. Set N47 is packed in cardboard box. One each of the following are included:

No.	Size Openings
E1214	$\frac{3}{8}$ & $\frac{7}{16}$
E1618	$\frac{1}{2}$ & $\frac{9}{16}$
E2022	$\frac{5}{8}$ & $1\frac{1}{16}$
E1925	$1\frac{1}{32}$ & $2\frac{1}{32}$
E2426	$\frac{3}{4}$ & $1\frac{1}{8}$
E2830	$\frac{7}{8}$ & $1\frac{1}{2}$

ZENEL Tappet Wrenches

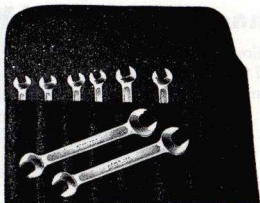
Zenel Tappet Wrenches are made of the same steel as the Zenel Open End Wrenches described on page one of this section. Drop forged, they have concave handles which are long and thin, reducing the weight of the wrench when compared to other wrenches designed for tappet adjustments. Openings are precision-milled and angled at 15° , with a different size opening in each end. Zenel Tappet Wrenches are perfectly balanced, carefully heat-treated, thoroughly tested and inspected. They are heavily chrome plated with heads buffed to a high permanent lustre.



No.	Size Openings	Length	Thickness of Heads	No.	Size Openings	Length	Thickness of Heads
3420A	$\frac{7}{16}$ & $\frac{1}{8}$	$9\frac{1}{2}$	$\frac{5}{32}$	3424A	$\frac{3}{8}$ & $\frac{3}{4}$	$9\frac{1}{2}$	$\frac{3}{16}$
3420	$\frac{7}{16}$ & $\frac{1}{16}$	$9\frac{1}{2}$	$\frac{5}{32}$	3425	$\frac{3}{4}$ & $1\frac{1}{16}$	$9\frac{1}{2}$	$\frac{7}{32}$
3422	$\frac{1}{2}$ & $\frac{9}{16}$	$9\frac{1}{2}$	$\frac{5}{32}$	3426	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{7}{32}$
3424B	$\frac{9}{16}$ & $\frac{5}{8}$	$9\frac{1}{2}$	$\frac{3}{16}$	3428	$1\frac{1}{16}$ & 1	$9\frac{1}{2}$	$\frac{7}{32}$
3424	$\frac{9}{16}$ & $1\frac{1}{16}$	$9\frac{1}{2}$	$\frac{3}{16}$				



WRENCHES



ZENEL Tappet Sets

No. Z51 Set • 6 Pieces

This set is designed to cover almost every make and model of passenger car and truck. Set Z51R is furnished in leatherette roll LR44, Z51 in cardboard box. Contains two each of following:

No.	Size Openings	No.	Size Openings
3422	$\frac{1}{2}$ & $\frac{9}{16}$	3426	$\frac{3}{4}$ & $\frac{7}{8}$
3424	$\frac{7}{8}$ & $\frac{11}{16}$		

No. Z53 Set • 8 Pieces

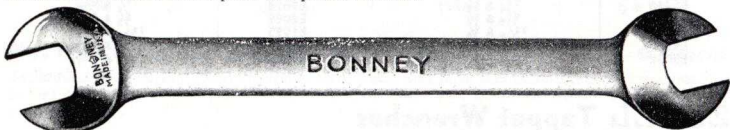
Set Z53 will give almost complete coverage of all makes of passenger cars and trucks. Set Z53R is available in leatherette roll LRS2, Z53 in cardboard box. Includes two each of the following:

No.	Size Openings	No.	Size Openings
3420	$\frac{7}{16}$ & $\frac{17}{32}$	3424	$\frac{5}{8}$ & $\frac{11}{16}$
3422	$\frac{1}{2}$ & $\frac{9}{16}$	3426	$\frac{3}{4}$ & $\frac{7}{8}$

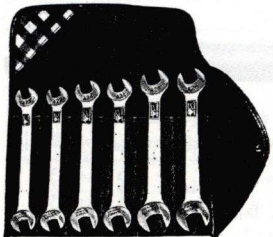
Bonaloy Tappet Wrenches

420 Series

Designed especially for tappet adjusting, every wrench in this line has a different size opening in each end. Openings are precision-milled at a 15° angle. They are drop forged of Bonaloy Steel and carefully heat-treated. Exceptionally long and thin, they have "pear-shaped" heads. Finished in brilliant chrome plate with polished heads.



No.	Size Openings	Length	Thickness of Heads	No.	Size Openings	Length	Thickness of Heads
420B	$\frac{3}{8}$ & $\frac{7}{16}$	$9\frac{1}{2}$	$\frac{5}{32}$	424A	$\frac{5}{8}$ & $\frac{3}{4}$	$9\frac{1}{2}$	$\frac{3}{16}$
420A	$\frac{7}{16}$ & $\frac{1}{2}$	$9\frac{1}{2}$	$\frac{5}{32}$	425A	$\frac{11}{16}$ & $\frac{3}{4}$	$9\frac{1}{2}$	$\frac{7}{32}$
420	$\frac{7}{16}$ & $\frac{17}{32}$	$9\frac{1}{2}$	$\frac{5}{32}$	425	$\frac{3}{4}$ & $\frac{13}{16}$	$9\frac{1}{2}$	$\frac{7}{32}$
422	$\frac{1}{2}$ & $\frac{9}{16}$	$9\frac{1}{2}$	$\frac{5}{32}$	426	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{7}{32}$
424B	$\frac{9}{16}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{3}{16}$	426A	$\frac{13}{16}$ & $\frac{7}{8}$	$9\frac{1}{2}$	$\frac{7}{32}$
424	$\frac{7}{8}$ & $\frac{11}{16}$	$9\frac{1}{2}$	$\frac{3}{16}$	428	$\frac{15}{16}$ & 1	$9\frac{1}{2}$	$\frac{7}{32}$



No. N51 Set • 6 Pieces

The No. N51 Tappet Wrench Set is designed to cover almost every make and model of passenger car and truck. No. N51R is furnished in leatherette roll LR44. N51 Set in cardboard box. Set contains two each of the following:

No.	Size Openings
422	$\frac{1}{2}$ & $\frac{9}{16}$
424	$\frac{7}{8}$ & $\frac{11}{16}$
426	$\frac{3}{4}$ & $\frac{7}{8}$

WRENCHES

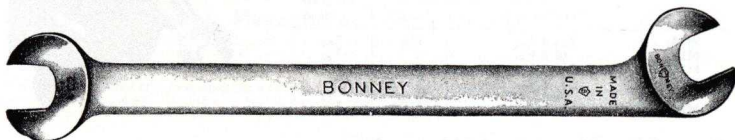


Bonaloy Tappet Wrenches

401 Series

Bonaloy Tappet Wrenches of the 401 Series are the proper length (eight inches), therefore allow the mechanic to work clear of the motor when it is hot. The angle of the heads also allows him to reach around into normally inaccessible locations.

Some cars require three wrenches to make complete tappet adjustments. Consequently, the 401 Series Tappet Wrenches are designed so that two may be worked like scissors with one hand while the third is used in the other hand. Both openings in this series are of the same size but are at different angles. One opening is straight, the other at $22\frac{1}{2}^{\circ}$.



Wrench No.	Openings Milled	Length	Thickness of Head
401 A	$\frac{7}{16}$	8	$\frac{5}{32}$
402	$\frac{1}{2}$	8	$\frac{5}{32}$
403	$\frac{9}{16}$	8	$\frac{11}{64}$
404	$\frac{11}{16}$	8	$\frac{3}{16}$
405	$\frac{11}{16}$	8	$\frac{7}{16}$

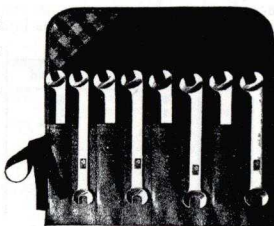
No. N52 Tappet Wrench Set - 8 Pieces

The No. N52 Tappet Wrench Set will handle the tappet adjustments on a large number of makes of cars and trucks. It contains two each of four sizes of the No. 401 series as follows:

Nos. 402 403 404 405

with openings as shown in the table above.

N52R is available in leatherette roll, LR48. N52 in cardboard box.



L402 Series Tappet Wrenches - Extra Long

These extra-long, thin, tappet wrenches are especially suited for tappet adjustments on late model cars where it is necessary to make adjustments from underneath the car. Heads are extremely thin, with openings at 15° . Made of Bonaloy Steel, chrome plated, with polished heads.



Wrench No.	Opening Milled	Length	Thickness of Head
L401	$\frac{3}{8}$	14	$\frac{3}{16}$
L401 A	$\frac{7}{16}$	14	$\frac{3}{16}$
L402	$\frac{1}{2}$	14	$\frac{3}{16}$
L403	$\frac{9}{16}$	14	$\frac{3}{16}$
L404	$\frac{5}{8}$	14	$\frac{3}{16}$



WRENCHES

Bonaloy Miniature Wrenches

Bonaloy Open End Miniature Wrenches are ideal for adjustments on generators, radios, distributors, air cleaners, electrical parts and work where parts are small and space in which to work is limited.

They are drop forged of Bonaloy Steel, given a careful heat-treatment and heavily chrome plated with polished heads. A different size opening is milled in each end and heads are angled at 15° for efficiency. Handles are thin and concave to keep down weight.

No.	Size Openings	Length	Thickness of Head
H10	3/16 & 7/32	2 1/2	7/64
H12	1/4 & 9/32	3	5/32
H14	5/16 & 11/32	3 3/4	3/16
H15	9/32 & 7/8	3 3/4	3/16
H16	3/8 & 7/16	4 1/8	7/32
H18	1 1/32 & 1 5/32	4 1/8	7/32

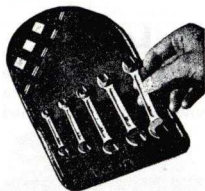


Bonaloy Electrical Wrenches

Bonaloy Electrical Wrenches have a different size opening in each end with head on one end at 15° angle and the other end at 60° angle. They are drop forged of Bonaloy Steel with accurately milled openings, heat-treated their entire length and fully chrome plated with polished heads.

They are exceptionally useful for making adjustments on accessories and electrical apparatus where parts are small and space in which to work is limited.

No.	Size Openings		Length	Thickness of Head
	15° End	60° End		
E14	13/64	15/64	3	7/64
E16	15/64	13/64	3	7/64
E18	7/32	1/4	3	7/64
E20	9/32	7/32	3	7/64
E22	5/16	9/16	3 1/2	1/8
E24	5/16	9/32	3 1/2	1/8
E26	11/32	3/8	4	9/64
E28	3/8	11/32	4	9/64
E30	7/16	1/2	4 1/2	5/32



No. N20 Miniature Wrench Set • 5 Pieces

Contains one each of the following:

No.	Size Openings	No.	Size Openings
H10	3/16 & 7/32	H16	3/8 & 7/16
H12	1/4 & 9/32	H18	1 1/32 & 1 5/32
H14	5/16 & 11/32		

No. N20R is packed in leatherette roll LR24, No. N20 in cardboard box.



No. N24 Electrical Wrench Set • 9 Pieces

Contains one each of the following:

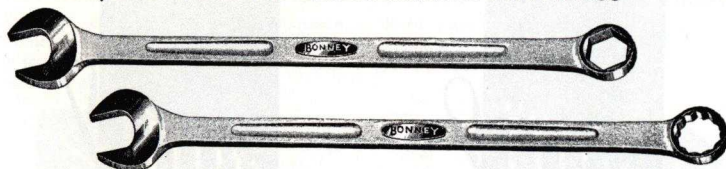
No.	Size Openings	No.	Size Openings
E14	13/64 & 15/64	E24	5/16 & 9/32
E16	15/64 & 13/64	E26	1 1/32 & 3/8
E18	7/32 & 1/4	E28	3/8 & 11/32
E20	9/32 & 7/8	E30	7/16 & 1/2
E22	5/16 & 9/16		

No. N24R is packed in leatherette roll LR28, No. N24 in cardboard box.

WRENCHES



Bonney Streamlined Combination Wrenches



Long Series, Double Hexagon or Single Hexagon

This is the new Bonney design in combination wrenches—streamlined, light in weight and well balanced. Easier to handle, easier on the hands. Handles are rounded and smooth. Box end set at 15° angle for clearance, open end angled at 15°.

Wrench openings are accurate, assuring a firm hold on the nut. Narrow heads, without sacrifice of strength, permit getting into tight places. In single or double hexagon type these new Bonney wrenches say to the real mechanic: "Here's a wrench you can depend on." Available in sizes listed below:

Double Hexagon No.	Hexagon No.	Opening	Length	Regular Series		Heavy Series	Light Series	Cap Screws
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
1112	1112H	3/8	6 1/2	1/4	No. 10			
1114	1114H	7/16	7 3/8		1/4, also No. 12 & 14			
1116	1116H	1/2	8 1/4	5/16		1/4	1/4	1/4
1118	1118H	9/16	9 1/16	3/8	5/16		3/8	5/16
1120	1120H	5/8	9 7/8	7/16	3/8		7/16	3/8
1122	1122H	11/16	10 3/4			3/8		7/16
1124	1124H	3/4	11 1/16	1/2	7/16		1/2	1/2

Regular Length, Double Hexagon

Regular Lengths Bonaloy Combination Wrenches are available in the streamlined pattern up to and including the 1" opening. Sizes 1 1/16" and larger have the standard handle illustrated below.

No.	Opening Both Ends	Length	Regular Series		Heavy Series	Light Series	Cap Screws
			Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
1158	1/4—6 pt.	3		No. 4			
1158A	9/32—6 pt.	3					
1159	5/16	3 3/4		No. 5 & 6			
1159A	11/32	3 3/4		No. 8			
1160	3/8	4 1/2	1/4	No. 10			
1161	7/16	5 1/16		1/4, also No. 12 & 14		1/4	1/4
1162	1/2	5 15/16	5/16		1/4	5/16	5/16
1163	5/8	6 11/16	3/8			3/8	3/8
1164	11/16	7 1/16	7/16	3/8		7/16	7/16
1165	13/16	8 5/16			3/8		
1166	3/4	9 1/16	1/2	7/16		1/2	1/2
1167A	13/16	10 1/4		1/2			1 1/16
1167	7/8	11 1/4	5/8	1/2	1/2	5/8	5/8
1168	15/16	12 5/16	3/4	3/4	3/4	3/4	3/4
1170	1	13 1/16		3/4			1

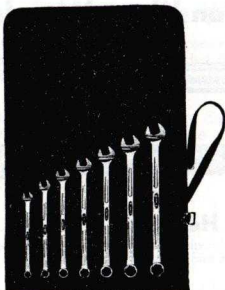


Regular Length, Standard Handle

1171	1 1/16	15		3/8	3/4	
1172	1 1/8	15	3/4	3/4		7/8
1173	1 1/4	18		3/4	7/8	
1174	1 5/16	18	7/8	7/8		1
1176	1 7/16	21		7/8	1	
1178	1 1/2	21	1	1		1 1/8
1180	1 5/8	26			1	1 1/8



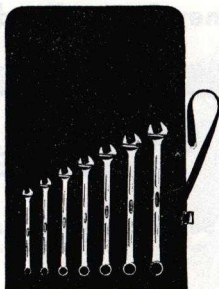
WRENCHES



No. N65 Set • 7 Pieces

Seven popular sizes in the new type single hexagon. No. N65R available in leatherette roll, LR80. N65 in cardboard box.

No.	Open- ing	Type
1112H	$\frac{3}{8}$	Comb. Wrench, Single Hex., Long Series
1114H	$\frac{7}{16}$	Comb. Wrench, Single Hex., Long Series
1116H	$\frac{1}{2}$	Comb. Wrench, Single Hex., Long Series
1118H	$\frac{9}{16}$	Comb. Wrench, Single Hex., Long Series
1120H	$\frac{5}{8}$	Comb. Wrench, Single Hex., Long Series
1122H	$\frac{11}{16}$	Comb. Wrench, Single Hex., Long Series
1124H	$\frac{3}{4}$	Comb. Wrench, Single Hex., Long Series



No. N64 Set • 7 Pieces

Seven most useful double hexagon sizes, new type. No. N64R furnished in leatherette roll, LR80. N64 in cardboard box.

No.	Open- ing	Type
1112	$\frac{3}{8}$	Comb. Wrench, Dbl. Hex., Long Series
1114	$\frac{7}{16}$	Comb. Wrench, Dbl. Hex., Long Series
1116	$\frac{1}{2}$	Comb. Wrench, Dbl. Hex., Long Series
1118	$\frac{9}{16}$	Comb. Wrench, Dbl. Hex., Long Series
1120	$\frac{5}{8}$	Comb. Wrench, Dbl. Hex., Long Series
1122	$\frac{11}{16}$	Comb. Wrench, Dbl. Hex., Long Series
1124	$\frac{3}{4}$	Comb. Wrench, Dbl. Hex., Long Series



No. N61 Set • 5 Pieces

Five popular sizes in the new type single hexagon. No. N61R available in leatherette roll, LR72. N61 in cardboard box.

No.	Open- ing	Type
1114H	$\frac{7}{16}$	Comb. Wrench, Single Hex., Long Series
1116H	$\frac{1}{2}$	Comb. Wrench, Single Hex., Long Series
1118H	$\frac{9}{16}$	Comb. Wrench, Single Hex., Long Series
1120H	$\frac{5}{8}$	Comb. Wrench, Single Hex., Long Series
1122H	$\frac{11}{16}$	Comb. Wrench, Single Hex., Long Series



No. N60 Set • 5 Pieces

Five most useful double hexagon sizes, new type. No. N60R is furnished in leatherette roll, LR72. N60 in cardboard box.

No.	Open- ing	Type
1114	$\frac{7}{16}$	Comb. Wrench, Dbl. Hex., Long Series
1116	$\frac{1}{2}$	Comb. Wrench, Dbl. Hex., Long Series
1118	$\frac{9}{16}$	Comb. Wrench, Dbl. Hex., Long Series
1120	$\frac{5}{8}$	Comb. Wrench, Dbl. Hex., Long Series
1122	$\frac{11}{16}$	Comb. Wrench, Dbl. Hex., Long Series

WRENCHES



No. N56 Set • 5 Pieces

This set of five standard combination wrenches represents the most useful openings in the range from $\frac{7}{16}$ " to $1\frac{1}{16}$ ". Set includes one each of the following:



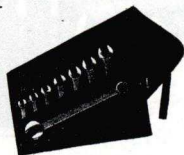
No.	Opening
1161	$\frac{7}{16}$
1162	$\frac{1}{2}$
1163	$\frac{9}{16}$
1164	$\frac{5}{8}$
1165	$1\frac{1}{16}$

No. N56R is packed in leatherette roll LR72. N56 in cardboard box.

No. N68 Set • 8 Pieces

Eight standard combination wrenches in the most popular openings from $\frac{3}{8}$ " to $\frac{7}{8}$ ". Set includes one each of the following:

No.	Opening
1160	$\frac{3}{8}$
1161	$\frac{7}{16}$
1162	$\frac{1}{2}$
1163	$\frac{9}{16}$
1164	$\frac{5}{8}$
1165	$1\frac{1}{16}$
1166	$\frac{3}{4}$
1167	$\frac{7}{8}$



No. N68R is available in leatherette roll, LR84. N68 in cardboard box.

Bonaloy Box Wrenches - One End Offset Long Type - Double Hexagon Openings

Same size openings both ends



This series of Bonney Box Wrenches has only one end offset and has the same size double hexagon opening in each end of the wrench.

They are drop-forged of Bonaloy Steel, carefully heat-treated, chrome plated, with polished heads. Handles are panelled, affording a firm, comfortable grip. Box walls are thin. Consequently they are light in weight and suitable for work in the "hard-to-get-at" places.

No.	Opening	Length	Regular Series		Heavy Series	Light Series	
			Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	Cap Screw
2814	$\frac{7}{16}$	$8\frac{3}{16}$	.....	$\frac{1}{4}$	.....	$\frac{1}{4}$	$\frac{1}{4}$
2816	$\frac{1}{2}$	$8\frac{7}{8}$	$\frac{5}{16}$	.....	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$
2818	$\frac{9}{16}$	$9\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{16}$	.....	$\frac{3}{8}$	$\frac{3}{8}$
2820	$\frac{5}{8}$	$10\frac{1}{4}$	$\frac{7}{16}$	$\frac{3}{8}$	.....	$\frac{7}{16}$	$\frac{7}{16}$
2822	$1\frac{1}{16}$	11	.....	.....	$\frac{3}{8}$	.....	.....
2824	$\frac{3}{4}$	$11\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	.....	$\frac{1}{2}$	$\frac{1}{2}$

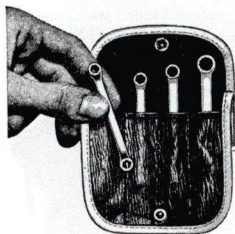
No. N76 Set • 6 Pieces

Set contains an assortment of one each of the above wrenches. No. N76R can be had in handy, leatherette roll LR56, N76 in cardboard box.



WRENCHES

Bonaloy Box Wrenches



Extra Small

Double Offset Type

Bonaloy Extra-Small Box Wrenches are ideal for generator, carburetor, starter, electrical and ignition work where parts are small and space in which to work is limited. They are drop forged of Bonaloy Steel, heat-treated and chrome-plated with polished heads.

No. N80 Set • 4 Pieces

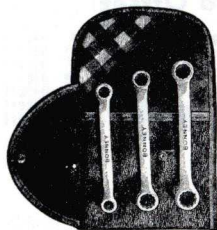
Contains one each of the following:

No.	Size Openings	Length
E40	$\frac{3}{16}$ & $\frac{13}{64}$ Hexagon	$2\frac{7}{8}$
E42	$\frac{7}{32}$ & $\frac{15}{64}$ Hexagon	$3\frac{1}{8}$
E44	$\frac{1}{4}$ & $\frac{9}{32}$ Double Hexagon	$3\frac{3}{8}$
E46	$\frac{5}{16}$ & $\frac{11}{32}$ Double Hexagon	$3\frac{3}{4}$

No. N80R Set is packed in leatherette roll LR8, N80 in a cardboard box.

No. N92 Set • 5 Pieces

The No. N92 Set is composed of five long type double offset box wrenches with the most popular openings from $\frac{3}{8}$ " to $1\frac{1}{16}$ ". Set is packed in a cardboard box and contains one each of the following:



No.	Size Openings	No.	Size Openings
2804L	$\frac{3}{8}$ & $\frac{7}{16}$	2808F	$\frac{3}{4}$ & $\frac{13}{16}$
2805L	$\frac{1}{2}$ & $\frac{9}{16}$	2809	$\frac{7}{8}$ & $1\frac{1}{16}$
2807A	$\frac{5}{8}$ & $1\frac{1}{16}$		

No. N84 Set • 3 Pieces

Contains three short type double offset box wrenches:

No.	Size Openings
2804	$\frac{3}{8}$ & $\frac{7}{16}$
2805	$\frac{1}{2}$ & $\frac{9}{16}$
2806C	$\frac{5}{8}$ & $1\frac{1}{16}$

No. N84R is packed in leatherette roll LR20, No. N84 in a cardboard box.

Double Offset Type Bonaloy Box Wrenches



Short Type

Double Hexagon Openings

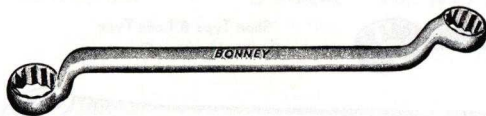
Bonney Box Wrenches, drop-forged of Bonaloy Steel, are thin, long and light in weight. Different size double hexagon openings are broached in each end of the wrench. Box walls are thin but still have the exceptional strength of all Bonney Wrenches. Handles are oval, permitting a firm, comfortable grip. All wrenches are chrome plated, with heads buffed to a high, permanent lustre.

No.	Openings	Length	Regular Series		Heavy Series	Light Series	Cap Screw
			Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
2803	$\frac{5}{16}$ & $\frac{3}{8}$	$4\frac{1}{2}$	$\frac{1}{4}$				
2804	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{4}$		$\frac{1}{4}$	$\frac{1}{4}$
2805A	$\frac{7}{16}$ & $\frac{1}{2}$	$5\frac{1}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$
2805	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$
2806	$\frac{9}{16}$ & $\frac{5}{8}$	$5\frac{3}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	
2806C	$\frac{5}{8}$ & $1\frac{1}{16}$	6	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{7}{16}$
2806B	$\frac{5}{8}$ & $\frac{3}{4}$	$6\frac{3}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	

WRENCHES



Double Offset Type Bonaloy Box Wrenches



Long Type
Double Hexagon
Openings

No.	Opening	Length	Regular Series		Heavy Series	Light Series	Cap Screws
			Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
2804L	3/8 & 7/16	8 1/2	1/4	1/4		1/4	1/4
2804B	13/16 & 1/2	8 3/4					
2804C	7/16 & 1/2	8 3/4	5/16	1/4	1/4	1/4 & 5/16	1/4 & 5/16
2805L	1/2 & 9/16	9	5/16 & 3/8	1/4	1/4	5/16 & 3/8	5/16 & 3/8
2805B	1/2 & 15/32	9 1/2					
2806L	9/16 & 11/16	11	3/8 & 7/16	5/16 & 3/8	3/8	3/8 & 7/16	3/8 & 7/16
2807A	5/8 & 1 1/16	11 1/2	7/16 & 1/2	3/8 & 7/16	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2
2807	5/8 & 3/4	11 1/2	1/2	1/2			
2808C	11/16 & 23/32	11 1/2	1/2	1/2	3/8 & 7/16	3/8 & 7/16	3/8 & 7/16
2808B	11/16 & 23/32	11 1/2	1/2	1/2			
2808D	11/16 & 7/8	11 1/2	1/2	1/2			
2808F	11/16 & 7/8	11 1/2	1/2	1/2			
2808	3/4 & 1 1/16	11 1/2	1/2	1/2			
2809A	23/32 & 7/8	12 1/2	1/2 & 9/16	7/16 & 1/2	1/2	1/2 & 9/16	1/2 & 9/16
2809C	1 1/8 & 29/32	12 1/2	1/2 & 9/16	1/2 & 9/16	1/2	1/2 & 9/16	1/2 & 9/16
2809	1 1/8 & 29/32	12 1/2	1/2 & 9/16	1/2 & 9/16	1/2	1/2 & 9/16	1/2 & 9/16
2810C	7/8 & 1	13 1/2	9/16 & 5/8	5/8 & 3/4	5/8	5/8 & 3/4	5/8 & 3/4
2810	1 1/8 & 1 1/16	13 1/2	5/8	5/8	5/8	5/8	5/8
2811E	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2811B	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2811A	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2812D	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2812B	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2812C	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2812	1 1/8 & 1 1/16	14 1/2	5/8	5/8	5/8	5/8	5/8
2812A	1 1/8 & 1 1/16	20					
2813	1 1/8 & 1 1/16	23					
2815	1 1/8 & 2	24 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
2815B	1 1/8 & 2	24 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
2815A	2 & 2 1/16	26	1 1/4 & 1 1/2	1 1/4 & 1 1/2	1 1/4 & 1 1/2	1 1/4 & 1 1/2	1 1/4 & 1 1/2
2819	2 1/8 & 2 1/4	26	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2
2821	2 1/8 & 2 1/4	28	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2	1 3/8 & 1 1/2

15° Angle Type Bonaloy Box Wrenches



Short Type & Long Type
Single Hexagon Openings



Since a great number of mechanics prefer a wrench with single hexagon openings, Bonney now makes the most popular sizes available in the numbers listed below. Box walls are thin and handles are thin and oval shaped, providing a firm, comfortable grip. Especially useful on worn, rounded nuts.

No.	Opening	Length	Regular Series		Heavy Series	Light Series	Cap Screws
			Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
Short Type	2885H	5/8 & 3/8	4				
	2886H	7/8 & 1/2	4 1/2				
	2887H	1 1/8 & 5/8	5				
	2888H	1 1/8 & 5/8	5 1/2				
Long Type	2890H	3/8 & 7/8	7 1/2				
	2891H	1/2 & 1 1/16	8 1/2				
	2892H	5/8 & 1 1/16	9 1/2				
	2893H	3/4 & 1 1/16	11				
Short Type	2885H	5/8 & 3/8	4	1/4		1/4	1/4
	2886H	7/8 & 1/2	4 1/2	1/4		1/4	1/4
	2887H	1 1/8 & 5/8	5	5/16	1/4	5/16 & 3/8	5/16 & 3/8
	2888H	1 1/8 & 5/8	5 1/2	5/16 & 3/8	1/4	5/16 & 3/8	5/16 & 3/8
Long Type	2890H	3/8 & 7/8	7 1/2	1/4	1/4	1/4	1/4
	2891H	1/2 & 1 1/16	8 1/2	5/16	5/16	5/16 & 3/8	5/16 & 3/8
	2892H	5/8 & 1 1/16	9 1/2	7/16	3/8	7/16	7/16
	2893H	3/4 & 1 1/16	11	7/16 & 1/2	7/16	7/16	7/16



WRENCHES

15° Angle Type Bonaloy Box Wrenches



Short Type & Long Type
Double Hexagon Openings



Bonaloy 15° Angle Box Wrenches are designed for work in locations with low overhead clearance. Either side of the head may be applied. Box walls are thin. Double hexagon openings are accurately and cleanly pull-broached. They are finished in rust-resisting chrome plate with polished heads.

	No.	Openings	Length	Regular Series		Heavy Series	Light Series	Cap Screws
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
Short Type	2885	5/16 & 3/8	4	1/4				1/4
	2886	3/8 & 7/16	4 1/2	1/4	1/4			1/4 & 5/16
	2887	7/16 & 1/2	5	5/16	1/4	1/4	1/4 & 5/16	5/16 & 3/8
	2888	1/2 & 9/16	5 1/2	5/16 & 3/8	5/16	1/4	5/16 & 3/8	3/8 & 7/16
	2889	9/16 & 5/8	6	3/8 & 7/16	5/16 & 3/8			
Long Type	2890	3/8 & 7/16	7 5/8	1/4	1/4		1/4	1/4
	2890B	13/32 & 1/2	7 3/4					
	2890C	7/16 & 1/2	7 3/4	5/16	1/4	1/4	1/4 & 5/16	1/4 & 5/16
	2891	1/2 & 9/16	8 5/8	5/16 & 3/8	5/16	5/16 & 3/8	5/16 & 3/8	5/16 & 3/8
	2891A	9/16 & 1 1/32	8 5/8	5/16		1/4 & 5/16	5/16	5/16
	2891C	5/8 & 5/8	9 1/4	3/8 & 7/16	5/16 & 3/8		3/8 & 7/16	3/8 & 7/16
	2892C	1 1/32 & 1 1/16	9 5/8			5/16 & 3/8		
	2892	5/8 & 1 1/16	9 5/8				7/16	7/16
	2892B	5/8 & 3/4	9 5/8	7/16 & 1/2	3/8 & 7/16	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2
	2893C	1 1/16 & 3/4	11	1/2	7/16	3/8	1/2	1/2
	2893A	1 1/16 & 25/32	11			3/8 & 7/16		
	2893	3/4 & 13/16	11				1/2	1/2 & 9/16
	2893B	3/4 & 7/8	11	1/2 & 9/16	7/16 & 9/16	1/2	1/2 & 9/16	1/2 & 9/16
	2894C	13/16 & 1 1/16	12 1/4	9/16	9/16	1/2 & 9/16	9/16	9/16 & 5/8
	2894	7/8 & 1 1/16	13 1/4	9/16 & 5/8	9/16 & 5/8	1/2 & 9/16	9/16	5/8
	2894A	15/16 & 1	13 1/4	5/8	5/8	9/16	9/16	5/8 & 3/4
	2894B	15/16 & 1	13 1/4					
	2895A	7/8 & 1 1/16	14 1/2			9/16 & 5/8	5/8 & 3/4	
	2895B	15/16 & 1 1/16	14 1/2	5/8				
	2895C	1 & 1 1/8	15 1/2	3/4	5/8 & 3/4	3/8	3/4	3/4 & 7/8
	2895D	1 1/16 & 1 1/8	15 1/2	3/4		3/8	3/4	7/8
	2895E	1 1/16 & 1 1/4	15 3/4			5/8 & 3/4	3/4 & 7/8	
	2895J	1 1/8 & 1 5/16	15 3/4	3/4 & 7/8	3/4 & 7/8			7/8 & 1
	2896	1 1/8 & 1 3/8	16 1/16	3/4	3/4			7/8
	2897	1 1/4 & 1 7/16	18 1/16			3/4 & 7/8	7/8 & 1	
	2898	1 5/16 & 1 1/2	19	7/8 & 1	7/8 & 1	7/8 & 1	1 & 1 1/8	1 & 1 1/8
	2898A	1 7/16 & 1 5/8	19			7/8 & 1	1 & 1 1/8	

15° Angle Double Hexagon Wrench Sets

No. N96 Set • 6 Pieces

Two short, four long type wrenches in sizes listed. N96R is packed in leatherette roll LR56, N96 in cardboard box.

No.	Openings	Length
2886	3/8 & 7/16	4 1/2
2888	7/16 & 9/16	5 1/2
2890	7/16 & 1/2	7 5/8
2891	1/2 & 9/16	8 5/8
2892	5/8 & 1 1/16	9 5/8
2893	3/4 & 13/16	11

No. N99 Set • 6 Pieces

Contain six popular long type wrenches as listed below. This set, No. N99 is available in cardboard box only.

No.	Openings	Length
2890	3/8 & 7/16	7 5/8
2891	1/2 & 9/16	8 5/8
2892	5/8 & 1 1/16	9 5/8
2893	3/4 & 13/16	11
2894	7/8 & 1 5/16	13 1/4
2895C	1 & 1 1/8	15 1/2

WRENCHES



15° Angle Single Hexagon Wrench Sets

No. N88 Set • 3 Pieces

Contains three short type wrenches in sizes listed. N88R is furnished in leatherette roll LR20, N88 in cardboard box.

No.	Openings	Length
2885H	5/16 & 3/8	4
2887H	7/16 & 1/2	5
2889H	9/16 & 5/8	6

No. N97 Set • 6 Pieces

Two short, four long type wrenches are listed. N97R is furnished in leatherette roll LR56, N97 in cardboard box.

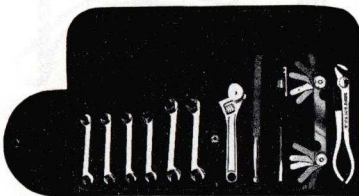
No.	Openings	Length
2885H	3/8 & 7/16	4 1/2
2888H	1/2 & 9/16	5 1/2
2890H	5/8 & 7/8	7 5/8
2891H	1/2 & 9/16	8 5/8
2892H	5/8 & 11/16	9 5/8
2893H	3/4 & 13/16	11

Bonney Ignition Wrenches and Sets

Bonney Ignition Wrenches are designed to take care of specialized operations in the repair of starters, generators, etc. All are made of Bonaloy Steel, chrome plated. Every automobile mechanic should include in his tool kit a complete set of these wrenches.

No. NIIR Ignition Set • 11 Pieces

This set includes the six most popular sizes of small open-end ignition wrenches, providing all the specialized tools required to service normal ignition jobs.

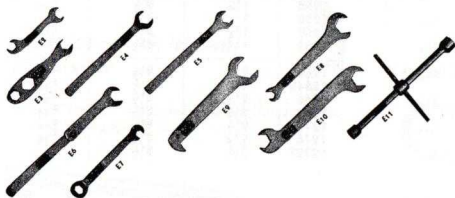


No.	Size Openings		Length	Thickness of Head
	15° End	60° End		
E14	13/64	15/64	3	7/64
E16	15/64	13/64	3	7/64
E18	7/32	1/4	3	7/64
E20	1/4	7/32	3	7/64
E22	9/32	5/16	3 1/2	1/8
E24	5/16	9/32	3 1/2	1/8

BW4 4" Adjustable Wrench
53/8" Point File
E02 Neon Screw Driver
K52 Feeler Gauge
B35 Ignition Plier

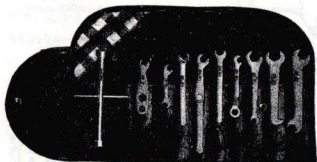
Packed in Leatherette Roll, LR36.

No. E2 - E11 Series Ignition Wrenches



No.	Openings	Length
E2	1/4 & 1/4	2
E3	17/64 & 9/32 & 11/32	2 1/2
E4	5/16	3 5/16
E5	5/16	3 3/8
E6	5/16	4 3/4
E7	15/64 & 17/64	2 7/8
E8	7/32 & 7/16	3 3/8
E9	1/2	3 3/8
E10	3/8 & 7/16	3 7/8
E11	15/64 & 9/32	4

No. NI3R Ignition Wrench Set • 10 Pieces



The Bonney No. 13R Ignition Set contains one each of the above wrenches, designed for work on the most popular ignition and electrical systems.

Each wrench is designed to be the most efficient for its particular application. They are light in weight yet so strong that they are fully guaranteed. Furnished in leatherette roll LR32.



WRENCHES

Bonney Service Wrenches



Straight Opening—Long



30° Opening—Short

Single Head Service Wrenches

Designed particularly for assembling and service work on pinion shaft bearing adjusting nuts. The heads are thin, sufficiently strong to handle the leverage that the 12 1/4 inch handle produces without breaking or spreading.

Wrench No.	Opening Milled	Length	Thickness Head
1932	1	12 1/4	1/4
1934	1 1/16	12 1/4	1/4
1936	1 1/8	12 1/4	1/4
1940	1 1/4	12 1/4	1/4
1944	1 3/8	12 1/4	1/4
1946	1 7/16	12 1/4	9/32
1948	1 1/2	12 1/4	9/32
1950	1 5/16	12 1/4	9/32
1952	1 5/8	12 1/4	9/32
1954	1 11/16	12 1/4	9/32
1956	1 3/4	12 1/4	5/16
1958	1 13/16	12 1/4	5/16
1960	1 7/8	12 1/4	5/16
1964	2	12 1/4	5/16
1966	2 1/16	12 1/4	5/16
1968	2 1/8	12 1/4	5/16
1970	2 3/16	12 1/4	5/16
1972	2 1/4	12 1/4	5/16

Single Head Wrenches

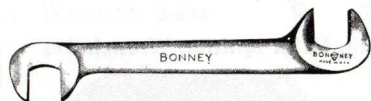
These wrenches have been designed especially for adjustments to machinery where a short thin wrench is required.

Made of Bonaloy Steel. Chrome plated with polished heads.

Wrench No.	Openings Milled	Length	Thickness of Head
1224	3/4	6 1/4	1/4
1224A	1 1/8	7	1/4
1226	1 3/16	6 1/4	1/4
1228	7/8	6 1/4	1/4
1230	1 5/16	7	1/4
1232	1	7	1/4
1232A	1 1/32	6 1/4	1/4
1234	1 1/16	7	1/4
1236	1 1/8	7	1/4
1236S	1 5/16	7	1/4
1236X	1 5/16	7	7/32
1238	1 3/16	7	1/4
1240	1 1/4	7	1/4
1241	1 9/32	7	1/4
1242	1 5/16	7 3/4	9/32
1244	1 3/8	7 3/4	9/32
1246	1 7/8	7 3/4	9/32
1248	1 1/2	7 3/4	9/32
1250	1 5/16	7 3/4	9/32
1252	1 5/8	7 3/4	9/32
1256	1 3/4	8 1/2	5/16
1258	1 13/16	8 1/2	5/16
1260	1 7/8	8 1/2	5/16
1262	1 15/16	8 1/2	5/16
1264	2	8 1/2	5/16
1264S	2 1/16	8 1/2	5/16
1266	2 1/8	8 1/2	5/16
1268	2 1/4	8 1/2	5/16
1272	2 3/8	8 1/2	5/16
1276	2 1/2	8 1/2	5/16
1272S	2 1/2	8 1/2	5/16

Right-Angle Wrenches

Exceptionally useful for carburetor work on many makes of cars and trucks. Drop forged of Bonaloy Steel, fully chrome plated and with polished heads.



No.	Openings	Length	Head Thickness	Regular Series		Heavy Series	Light Series	Cap Screws
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
2723	3/8 & 7/16	4 1/4	7/32	1/4	1/4	.....	1/4	1/4
2725B	1/2 & 9/16	5 1/2	15/64	5/16 & 3/8	5/16	.....	5/16 & 3/8	5/16 & 3/8
2729	5/8 & 3/4	7 1/2	5/16	7/16 & 1/2	3/8 & 7/16	.....	7/16 & 1/2	7/16 & 1/2
2732A	3/4 & 1	9	3/8	1/2	7/16 & 5/8	.....	1/2	1/2 & 3/4
2734	7/8 & 1 1/8	9	3/8	9/16 & 3/4	9/16 & 3/4	.....	9/16	3/8 & 7/8

WRENCHES



Special Type Wrenches - Bonaloy Steel, Chrome Plated

Slotted Box Wrenches for Tube Fittings



For removal and replacement of tubing flare nuts and fittings. These wrenches have slotted double hexagon openings of sizes listed in the table below. Openings offset at 15° angle.

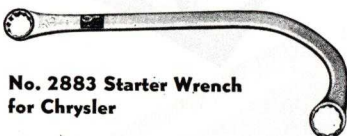
Double Hex. No.	Single Hex. No.	Openings	Length
2612	2612H	$\frac{3}{8}$ & $\frac{1}{2}$	4 $\frac{3}{4}$
2618	2618H	$\frac{7}{16}$ & $\frac{9}{16}$	5
2630	2630H	$\frac{9}{16}$ & $\frac{11}{16}$	6

Starter and Manifold Wrenches



Designed especially for starter and manifold work on Chevrolet and a number of other makes of cars.

No.	Openings	Length
2881	$\frac{9}{16}$ & $\frac{5}{8}$	7 $\frac{3}{4}$
2884	$\frac{9}{16}$ & $\frac{3}{4}$	7 $\frac{3}{4}$
2880	$\frac{5}{8}$ & $\frac{3}{4}$	7 $\frac{3}{4}$



No. 2883 Starter Wrench for Chrysler

Designed for use on starter nuts on Chrysler cars. $\frac{9}{16}$ " & $\frac{5}{8}$ " openings, 9" long.



No. 2565 Chevrolet Starter Wrench

Designed to service the starter assembly on 1949-50 Chevrolets. Wrench will clear solenoid on starter housing. Opening, $\frac{3}{4}$ ". Overall length, 12 $\frac{3}{16}$ ".

No. 2844 Olds Manifold Wrench



Designed with step-down offset of one inch at one end, 42° flat angle offset at opposite end. Opening $\frac{9}{16}$ ". Length 9 $\frac{1}{2}$ ".

No. 2558 Combination Wrench



Formed with 25° angle to facilitate service on Ford carburetors and distributors. Openings $\frac{1}{2}$ ". Length 6".

No. 6481 Battery Wrench



Designed especially for service work on battery terminals. Has $\frac{9}{16}$ " & $\frac{5}{8}$ " double hexagon openings. Length, 6".

No. 1950 Wrench for Chevrolet Steering Worm Adjustments



Designed for steering worm adjustments on 1939 Chevrolet. Opening 1 $\frac{1}{16}$ ". Length, 12 $\frac{1}{2}$ ".

No. 2626 Drain Plug Wrench



Designed especially for removing and replacing the drain plug on 1939-1947 Fords and Mercurys. Wrench has 2" double hexagon opening, head offset 20°, 10 $\frac{3}{4}$ " long.

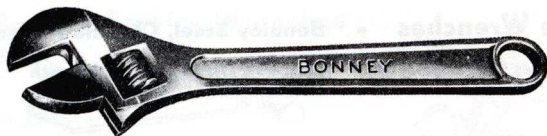
No. 2588 Main Bearing Wrench



For holding main bearing bolts on Ford V8 while cap nuts are adjusted. Has $\frac{9}{16}$ " double square openings.



WRENCHES



Open End Adjustable Wrenches

Designed to fit either square or hexagon nuts. Drop-forged of alloy steel, fully chrome plated, with polished jaws. Jaws are unusually thin to get into normally inaccessible places. Both handle and jaw are hardened and tempered in oil. They will not break or wear in the gear teeth and allow play in the wrench, permitting the jaw to slip off the nut. Four tempered threads meshing in the forged jaw permit great pressure on the handle. Available as listed.

No.	Length	Max. Opening	Net Weight	No.	Length	Max. Opening	Net Weight
BW4	4	1/2	3 oz.	BW10	10	1 1/4	1 lb. 1 oz.
BW6	6	3/4	5 oz.	BW12	12	1 7/16	1 3/4 lbs.
BW8	8	1 1/16	10 oz.				

No. BW Repair Kit for Open End Adjustable Wrenches

This kit is provided for making repairs to adjustable end wrenches BW4, 6, 8, 10, and 12.

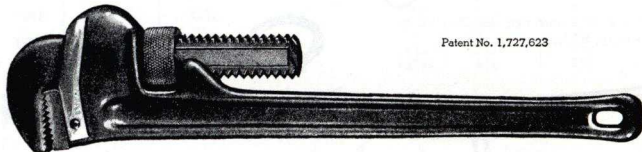
The repair parts for each wrench are furnished in the following quantities:

	BW4	BW6	BW8	BW10	BW12
Movable Jaws	2	3	3	2	1
Knurls	2	3	4	2	2
Retaining Pins	2	3	4	2	2
Springs	2	3	4	2	2



Furnished in a sectional, size-marked cardboard box.

PW Series Pipe Wrenches



Patent No. 1,727,623

This superior, Ridgid pipe wrench enables the mechanic to do more work with less effort and reduce his tool replacement costs.

The jaws give quick, positive grip and instant let-go. They will not jam or lock on a pipe. The one-piece construction of the I-beam handle and housing give extra strength and the adjusting nut spins easily.

Tool No.	Size
PW6	6
PW8	8
PW10	10
PW12	12
PW14	14
PW18	18
PW24	24
PW36	36
PW48	48
PW60	60

SCREW DRIVERS & PLIERS



Bonney Screw Drivers are made with solid, forged, one-piece blades, formed with an upset shoulder against which the handles are forced (except electricians' pattern). Each blade is heat treated throughout and is ground and polished. They are firmly anchored in the handles to prevent turning or loosening. The tips are accurately taper ground to insure a non-slip fit in screw slots.

All composition handle screw drivers have exceedingly tough handles that are non-conductors of electricity. The handles are fluted to provide a secure, comfortable grip. Bonney Screw Drivers are durable and practical and are finished in keeping with the high quality of the tool.

Round Shank Composition Handle



Solid, forged, one-piece blades are forced into handles against the upset shoulder to insure an absolutely tight fit. The blades are heat treated. Handles are of transparent, non-conducting composition. The top portion of the shank on Nos. 08 to 012 is hexagon to allow the use of a wrench for added leverage.

No.	Length of Blade	Width of Tip	Overall Length	No.	Length of Blade	Width of Tip	Overall Length
04	4	1/4	7 3/4	010	10	13/32	15
06	6	5/16	10 1/4	012	12	7/16	17 1/2
08	8	3/8	13				

Round Shank • Wood Handle



This line of quality, wood handle screw drivers will stand up under severe use. Blades are drop-forged from selected alloy steel and carefully heat treated their entire length. Tips are taper-ground.

The hardwood handles are fluted, to provide a firm, comfortable grip and bolsters firmly anchor the blades to the handles.

No.	Length of Blade	Width of Tip	Overall Length	No.	Length of Blade	Width of Tip	Overall Length
W03	3	7/32	7 1/4	W08	8	3/8	14 1/2
W04	4	1/4	9	W010	10	7/16	16 1/2
W06	6	5/16	11 3/4				



No. W05 Screw Driver Set

This assortment contains one each of numbers W03, W04, W06, W08 and W010. It offers a remarkably complete set which meets practically every screw driver need. All of them are made to withstand long, severe use. Balance, which distinguishes all fine tools, is built into every Bonney Screw Driver.

Adjusting • Composition Handle



A strong, sturdy screw driver for making fine adjustments. The handle is designed to fit comfortably in the hand and to provide a firm grip. It is of transparent, non-conducting composition.

No.	Length of Blade	Width of Tip	Handle Diam.	Overall Length
S01	1 3/4	1/4	1 1/4	3 3/4
S02	1	1/4	7/8	2 3/4



SCREW DRIVERS & PLIERS

Square Shank Composition Handle



Blades are forged in one piece, heat treated their full length and firmly anchored in the handles. Handles are non-conductors of electricity. The tip is not merely an extension of two of the square shank surfaces, but is forged and taper-ground.

No.	Length of Blade	Width of Tip	Overall Length
S04	4	5/16	7 3/4
S06	6	3/8	10 1/4
S08	8	7/16	12 3/4
S012	12	1/2	17 1/2

Pocket Size • Composition Handle



Every mechanic has need for a pocket size screw driver. The No. 001 will "fill the bill" in every way. Clip for securely holding the driver in pocket supplied with each one. The blade is forged with taper-ground tip and the handle is of transparent, non-conducting composition.

No.	Length of Blade	Width of Tip	Overall Length
001	2	1/8	4
001-3	3	9/64	5 1/4
001-5	5	9/64	7 1/4
001-6	6	9/64	8 1/4

Electricians • Composition Handle



This line of screw drivers has many uses in electrical work. They are of the same high quality and finish as the drivers described above. Made in three sizes.

No.	Length of Blade	Width of Tip	Overall Length
003	3	3/16	6 1/2
006	6	3/16	9 1/2
0010	10	3/16	13 1/2

No. EO2 Pocket Size With Neon Tube Composition Handle



For "out on the road" jobs, this screw driver is one of the handiest tools in a mechanic's kit. It has a tough, composition handle that is a non-conductor of electricity, with a neon tube for testing spark plugs. The tip is magnetized and a wire guard slides over the tip to protect the pocket. A handy, pocket clip is also supplied. The blade is forged of special screw driver steel, heat treated, with taper-ground tip.

No.	Length of Blade	Width of Tip	Overall Length
EO2	2 1/4	1/8	5

No. EO3 With Neon Tube Composition Handle



The neon tube in the tough composition handle of this screw driver makes it a most useful tool for automotive and electrical work. It's made to stand hard usage.

When testing spark plugs, a brilliant, orange flash shows the plug is O.K. Completely shorted produce no flash. A "stringy" flash shows the plug is partly fouled. Replacement tube EO3B is available.

The blade is forged with taper-ground tip and securely anchored in the handle.

No.	Length of Blade	Width of Tip	Overall Length
EO3	3	3/16	6 1/2



To Fit Phillips Screws Composition Handle Type



These fine quality screw drivers to fit Phillips screws have transparent, amber-colored composition handles that are non-conductors of electricity. Blades are drop-forged and carefully heat treated their entire length. They are securely fastened in the handles to prevent turning or loosening. The four sizes shown will take care of all sizes of Phillips screws. The top portion of the shank on the No. CP4 is hexagon to allow the use of a wrench to gain added leverage.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
CP1	3	$\frac{3}{16}$	6	# 4 & Smaller Wood Screws, All Types. # 4 & Smaller Mach. Screws, All Types. # 4 Sheet Metal Screws, Flat, Oval, Fillister. # 4 & # 5 Sheet Metal Screws, Round Head. $\frac{1}{8}$ " Stove Bolts, Round Head.
CP2	4	$\frac{1}{4}$	$7\frac{3}{4}$	# 5 to # 9 Wood Screws, Flat and Oval. # 5 to # 10 Wood Screws, Fillister and Round. # 5 to # 10 Mach. Screws, All Types. # 5 to # 10 Sheet Metal Screws, Flat, Oval, Fillister. # 6 to # 12 Sheet Metal Screws, Round Head. $\frac{1}{8}$ " to $\frac{3}{16}$ " Stove Bolts, Flat, Oval, Fillister. $\frac{5}{32}$ " to $\frac{3}{16}$ " Stove Bolts, Round Head.
CP3	6	$\frac{5}{16}$	$10\frac{1}{4}$	# 10 to # 16 Wood Screws, Flat and Oval. # 11 to # 16 Wood Screws, Round and Fillister. # 12 and $\frac{1}{4}$ " Machine Screws, Flat, Oval and Binding. # 12 to $\frac{5}{16}$ " Machine Screws, Round and Fillister. # 12 to # 14 Sheet Metal Screws, Flat, Oval, Fillister. # 14 Sheet Metal Screws, Round Head.
CP4	8	$\frac{3}{8}$	11	# 18 and Larger, Wood Screws, All Types. $\frac{5}{16}$ " and Larger, Machine Screws, Flat, Oval, Binding. $\frac{3}{8}$ " and Larger, Machine Screws, Round and Fillister. $\frac{3}{8}$ " and $\frac{1}{2}$ " Stove Bolts, All Types.

No. CP Screw Driver Set

The No. CP Set will fill every requirement for screw drivers to fit Phillips screws. The garnish moulding and hinges on late model cars are fastened with Phillips screws. They are also used on truck and bus bodies. One each of numbers CP1, CP2, CP3 and CP4 are included.

Wood Handle Short Type



For cramped quarters—in tightening windshield mouldings and on similar jobs—that cannot be reached with regulation length screw drivers, these short screw drivers will be found mighty convenient. Of quality equal to regulation length wood handle screw drivers for Phillips screws.

No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
SP1	1	$\frac{3}{16}$	$2\frac{1}{8}$	No. 4 and Smaller No. 5 to No. 9 inc.
SP2	$1\frac{1}{8}$	$\frac{1}{4}$	$3\frac{3}{8}$	

Wood Handle Type



These screw drivers are made with the same care and precision as the regular type wood handle screw drivers. Available in four sizes to cover the entire range of screws shown in the table.

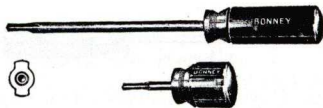
No.	Blade		Overall Length	Fits Phillips Screws
	Length	Diameter		
WP1	3	$\frac{3}{16}$	$6\frac{1}{4}$	No. 4 and Smaller No. 5 to No. 9 inc. No. 10 to No. 16 inc. No. 18 and Larger
WP2	4	$\frac{1}{4}$	$8\frac{3}{4}$	
WP3	6	$\frac{5}{16}$	11	
WP4	8	$\frac{3}{8}$	$14\frac{1}{2}$	

No. WP Screw Driver Set

This set contains one each numbers WP1, WP2, WP3 and WP4 to cover the entire range of Phillips screws.



SCREW DRIVERS & PLIERS



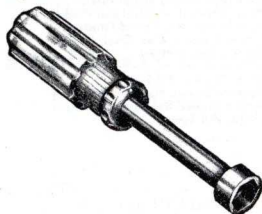
Clutch Head Screw Drivers

Made of alloy steel, carefully heat treated to withstand severe usage. Handles are of transparent, non-conducting composition.

CL Set contains one each of sizes starred (★)

No.	Clutch Size	Blade Length	Overall Length	Nominal Size of Screw
★CL3	5/32	4	7 3/4	# 6 Flat, Oval Countersunk, Fillister & Hex. Heads # 8 All Heads # 10 Round, Fillister, Binding & Hex. Heads
★CL5	1/4	6	10 1/4	# 12 Flat & Oval Countersunk Heads # 14 & 1/4" All Heads
CL6	9/32	6	10 1/4	Special Applications
★CL7	5/16	6	10 1/2	5/16" All Heads 3/8" Round, Fillister, Binding & Hex. Heads
★CL13	5/32	1 5/8	3 3/8	# 6 Flat, Oval Countersunk, Fillister & Hex. Heads # 8 All Heads # 10 Round, Fillister, Binding & Hex. Heads
★CL15	1/4	1 5/8	3 3/8	# 12 Flat & Oval Countersunk Heads # 14 & 1/4" All Heads

Spinner Wrenches • Composition Handle



Designed especially for reaching small nuts that can be handled only with exceptionally small sockets. Made like a screw driver with a hexagon socket that grips the nut firmly. Shanks and sockets have plated finish. The composition handles are fluted for a firm grip.

No.	Hexagon Opening	Overall Length	Drill Depth
CH06	3/16	6	2 1/4
CH08	1/4	6	2 1/4
CH10	5/16	6	2 1/4
CH11	11/32	6	2 1/4
CH12	3/8	6 5/8	5
CH14	7/16	6 5/8	5
CH16	1/2	6 5/8	5



Offset Screw Drivers

Made with offset on each end for use in making adjustments where clearances do not permit use of standard screw driver. These tools are available individually or as a set of three (No. 0672 Set) packed in a cardboard box. Plated finish.

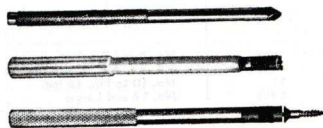
Tool No.	Width of Tip	Length
0669	1/4	4 7/8
0670	5/16	5 5/8
0671	3/8	5 5/8

No. 0672 Set—Contains one each of above sizes.

Screw Starters

For Slot-Head & Phillips Type Screws

These handy tools provide a positive grip for starting screws in hard-to-get-at places. The starters for slot-head screws feature a spring-locking blade while those for Phillips type screws have an Alnico magnet head.



Blade Head	Blade Head with Nylon Handles	Magnet Head
SS25.... 2 1/4"		SS3..... 3 1/4"
SS27.... 5"		SS6..... 6 1/4"
SS29.... 9"	SSN6..... 6"	SS10..... 10"
SS31.... 15"	SSN9..... 9"	

SS35 Set contains 1 each SS25-27-29-31.

SCREW DRIVERS & PLIERS



Nut Starter Set

No. SN25—8 Pieces



These nut starters are for use in locating and threading on nuts in "hard-to-get-at" locations and are specially useful in under-the-dash or radio and electrical work. The spring type holder retains the nut until the cleared bolt releases the spring.

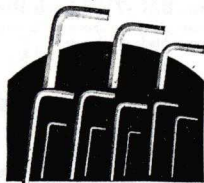
Tool No.	Size	Tool No.	Size
SN6	3/16"	SN11	5/16"
SN7	7/32"	SN12	11/32"
SN8	1/4"	SN14	7/16"
SN9	9/32"		

Hexagonal Keys (Short Arm) Plated

No. N5R Set in Roll—11 Pieces

No. N5 Tools Only

Sets consist of one each of eleven sizes in LR5 roll or tools only.



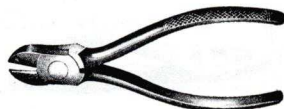
No.	Across Flats	Length Short Arm	Length Long Arm	SCREW DIAMETER				
				Set	Socket Head Cap	Flat Head Cap	Shoulder	Pipe Plug
AW1	.050	5/8	1 13/16	# 4	....	....	....	....
AW2	1/16	5/8	1 13/16	# 5 & # 6	....	# 4	....	....
AW2 1/2	5/64	1 1/16	1 15/16	# 8	# 4	# 6	....	....
AW3	3/32	3/4	2 1/16	# 10	# 5 & # 6	# 8	....	....
AW4	1/8	1 5/16	2 5/16	1/4	# 8	# 10	1/4	....
AW5	5/32	1 5/16	2 1/2	5/16	# 10	5/16	5/16	....
AW6	3/32	1	2 13/16	3/8	5/16	3/8	3/8	1/8
AW7	7/32	1 1/8	3 1/16	7/16	3/8	7/16	1/2	1/4
AW8	1/4	1 3/16	3 5/16	1/2	3/8 & 7/16	1/2	5/8	3/8
AW10	5/16	1 5/16	3 3/16	3/4	1/2	5/8 & 3/4	3/4	1/2
AW12	3/8	1 7/16	4 5/16					

Bonney Pliers



No. B6 - 6", Combination Plier

Sturdily-built, forged, heat treated, and plated slip-joint plier of the most popular type. It is made in a 6" size only. Minimum order, 12 pcs.



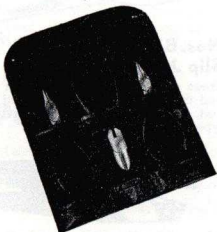
Nos. B17 - 6"; B19 - 7"
Diagonal Cutting Pliers

Diagonal head provides hand clearance for close cutting. Strong cutting edge.

Plier Set

No. N9R
in Roll

No. N9
Tools Only



Very useful on ignition, starter, generator, carburetor, and general light wiring and instrument work. Contains one each of 3 small 4" pliers in LR12.

B13 Flat nose plier

B14 Short chain nose plier

B16 Diagonal cutting plier

Above pliers can also be purchased singly.



No. B18 - 7"
Heavy Duty Diagonal Cutting Plier

Drop-forged with specially heat treated cutting edges.



No. B20 - 8", Battery Plier

Jaws are deeply and sharply serrated to insure a strong grip on terminal connections.

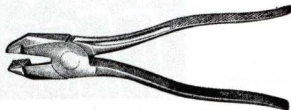


SCREW DRIVERS & PLIERS



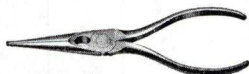
No. B21 - 7 $\frac{3}{4}$ " Lock Ring Pliers

These pliers are designed to remove and install lock rings. Made of alloy steel.



Nos. B22 - 6"; B23 - 8" Linemen's Pliers

Heat treated cutting edges. Jaws serrated for stripping insulation, wire pulling and crimping.



No. B25 - 6" Long Nose Side Cutting Plier

Ideal for close-quarters work in narrow, confined openings.



Nos. B24 - 5 $\frac{1}{2}$ "; B26 - 7" Slip Joint Side Cutting Pliers

High quality all around work pliers for general use in the shop.



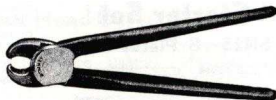
Nos. B27 - 8"; B28 - 10" Heavy Duty Slip Joint Pliers

Sturdy construction, square-fitting jaw ends assure long, satisfactory service. Throat type cutter.



No. B30 - 8", Wiring Plier, Duck Bill

Square-gripping narrow jaws allow insertion in narrow, confined quarters.



No. B33 - 7", Spring Manufacturers' and Body Trimmers' Hog Ring Plier

A necessary item in every body shop for spring and upholstery repair work. For large Rings—to Close Right Prong over Left Prong.



No. B34 - 10", Pump Plier

The patented design of this drop forged plier removes the load or strain from the bolt insuring unusual strength and long life. Five positions, 1 $\frac{3}{4}$ ", parallel opening.



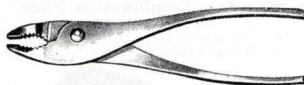
No. B45 - 10" Pump Plier, Forged Rib Joint

This is an exceptionally rugged tool because each rib joint shares the shearing load, thus relieving bolt of strain. Four positions, 1 $\frac{1}{2}$ ", parallel opening.



No. B35 - 5", Ignition Plier

This ignition plier has unusual strength because of the patented Wellco design. The strain is removed from the bolt and because of the Wellco feature there is no danger of the bolt breaking. Drop forged from quality alloy steel and carefully heat treated. Has polished finish.



Nos. B36 - 6"; B38 - 8"; B310 - 10" Slip Joint Pliers

These combination slip joint pliers have two positions and their design removes the load or strain from the bolt, insuring unusual strength and long life. Throat type cutter.



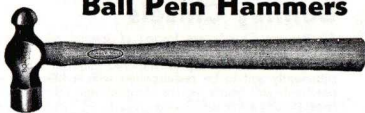
Nos. 1607 - 7"; 1610 - 10" Plier Wrenches

These tools are very fast in adjustment and easy to use. The design of the jaws, with the bottom member a hinged fulcrum, permits a firm solid grip without slippage on irregular shaped objects. The jaws can be made to grip at the ends only, if so desired.

HAMMERS, CHISELS, PUNCHES



Ball Pein Hammers



The octagon-shaped heads of Bonney Ball Pein Hammers are drop-forged from special hammer steel, while the handles are made of fine, straight-grained hickory. The handles are dipped to toughen the eye end and are forced into the head and securely locked in position by two steel wedges.

No.	Head Weight	Length	No.	Head Weight	Length
PH1	2 oz.	10	PH7	1 lb.	14½
PH5	½ lb.	13	PH9	1½ lb.	16
PH6	¾ lb.	14	PH10	2 lb.	16

Soft Face Hammers



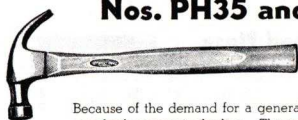
Bonney Soft Face Hammers have tough, amber colored cellulose tips that are replaceable. Handles are of quality hickory, shaped to afford comfortable grip and are wedged securely in the steel center head.

These hammers are especially useful in aircraft work, in body and fender repair work, etc., for shaping and forming light sheet metals, as well as in numerous assembly jobs requiring a hammer that will not mar a finely finished surface or delicate machine parts.

Extra tips are available for hammers listed. Packed one dozen in a box.

No.	Type of Tips	Head Weight	Handle Length	Tip Diameter
PH17	2 Regular	1½ oz.	7⅞	⅝
PH18	2 Regular	¼ lb.	9	⅞
PH15	2 Regular	½ lb.	11¾	1¼
PH20	2 Regular	1 lb.	11¾	1⅜
PH21	2 Regular	2 lbs.	12½	1⅝

Nos. PH35 and PH36 Claw Hammers



Because of the demand for a general utility claw hammer, Bonney has added these two most popular hammers to the line. There are so many uses, such as opening cases, etc., that a great many mechanics find a claw hammer a useful tool in their kit.

- No. PH35 is made with curved claw, polished head. No. PH36 is made with straight claw, polished head. Each hammer weighs 16 ounces.

Bonney Punches

Chisels, Punches and similar hand tools are naturally subjected to very severe service. Bonney has spared no effort to meet these conditions and to offer the best in tools of this type. All are forged of the special alloy steel which stands up best in the service to which they are put and are carefully heat treated.

Heads are comparatively soft which reduces chipping and allows them to be readily redressed when battered.

Pin Punches



No.	Size Stock	Point Diameter	Length
C28	⅜	1/8	5
C29	½	3/16	5⅝
C30	⅝	¼	6⅜



HAMMERS, CHISELS, PUNCHES

Long Taper Punches



No.	Size Stock	Point Diameter	Length
C25	3/8	5/32	8
C26	1/2	3/16	9

Solid Punches



No.	Size Stock	Point Diameter	Length
C21	3/8	1/16	5 1/2
C22	1/2	3/8	6 1/4
C23	3/8	3/16	7

Prick Punch



No.	Size Stock	Length
C32	3/8	5

Center Punch



No.	Size Stock	Length
C34	3/8	5

Pry or Pinch Bar

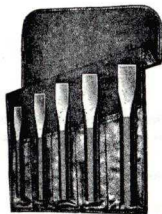


No.	Size Stock	Length
C38	3/8	16

Pry Bar, Tapered End



No.	Size Stock	Length
C39	3/16	15 1/4



C45 Chisel Set

A complete assortment of flat chisels to cover all straight cutting operations. C45R furnished in leatherette roll LR92. C45 in cardboard box.

No.	Width of Cut	Length
C2	7/16	5 1/2
C3	6	6
C4	3/8	6 1/2
C5	7/8	7 1/2
C6	1	8

Bonney Chisels

All Bonney Chisels are forged of special alloy steel and carefully heat treated. Bits are hard and tough enough to work on any untempered material but still sufficiently soft to be resharpened with a file. Comparatively soft heads reduce chipping and allows them to be readily redressed.

Flat Chisels



(Standard)

No.	Size Stock	Width of Cut	Length
C1	1/4	5/16	5
C2	3/8	7/16	5 1/2
C2A	1/16	3/8	6
C3	1/2	3/4	6 1/2
C4	3/4	7/8	7 1/2
C5	7/8	1	8
C6	1	1 1/4	8 1/2
C7			

(Long)



No.	Size Stock	Width of Cut	Length
C10	3/4	7/8	14

Cape Chisels



No.	Size Stock	Width of Cut	Length
C12	1/2	1/4	6
C13	3/8	3/8	7

Diamond Point



No.	Size Stock	Width of Cut	Length
C15	1/2	1/4	6
C16	3/8	3/8	7

Round Nose

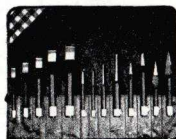


No.	Size Stock	Width of Cut	Length
C18	1/2	1/4	6
C19	3/8	3/8	7

Rivet Buster



No.	Size Stock	Width of Cut	Length
C36	3/4	5/8	12



Bonney C46 Punch and Chisel Set

This set offers the mechanic a compact and complete assortment of chisels and punches to entirely cover his every

day requirements. C46R furnished in leatherette roll LR96, C46 in cardboard box.

C2 Flat Chisel	C15 Diamond Point Chisel
C3 Flat Chisel	C16 Diamond Point Chisel
C4 Flat Chisel	C28 Pin Punch
C5 Flat Chisel	C29 Pin Punch
C6 Flat Chisel	C30 Pin Punch
C12 Cape Chisel	C34 Center Punch
C13 Cape Chisel	

No. 2625 Hack Saw

This close-quarter hack saw is used where clearances don't permit a standard, full-bowed frame. It utilizes a standard 8" blade. Blades are available in packages of 10.



No. 2628 Adjustable Hack Saw Frame

The checkered steel pistol grip fits comfortably in the hand. Reinforced back is adjustable for from 8" to 12" blades. One 12" blade furnished. Blades may be faced in four directions. Has full nickel finish. Net weight 1½ lb.



F Series, Flexible Hack Saw Blades

(Tungsten Alloy Steel) Flexible Back-Hardened Teeth.

Teeth are carefully milled and set for fast cutting. Standard package, 10 blades.

No.	Length	Width	Gauge	Teeth per inch	Blade Series
F1018	10	1½	.025	18	Coarse Medium Fine
F1024	10	1½	.025	24	
F1032	10	1½	.025	32	
F1218	12	1½	.025	18	Coarse Medium Fine
F1224	12	1½	.025	24	
F1232	12	1½	.025	32	



HS Series, All Hard Hack Saw Blades

(Molybdenum High Speed Steel)

Non-flexible—for difficult jobs such as cutting chrome, nickel and high carbon steel. Standard package, 10 blades.

No.	Length	Width	Gauge	Teeth per inch	Blade Series
HS1018	10	1½	.025	18	Coarse Medium Fine
HS1024	10	1½	.025	24	
HS1032	10	1½	.025	32	
HS1218	12	1½	.025	18	Coarse Medium Fine
HS1224	12	1½	.025	24	
HS1232	12	1½	.025	32	



No. 2627 Hack Saw Frame

With 6" x ¼" hack saw blade. Fits in close places. Handy for electricians, plumbers, and mechanics. Indispensable for home mechanics. Blades are available in packages of 10.



No. 199 Shop Knife

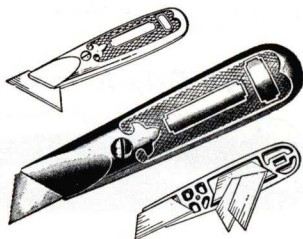
No. 199B Package of 5 Extra Blades

A multi-purpose tool for the mechanic's kit. Suited for trimming upholstery, top material, rubber, leather, etc. For cutting gaskets, shims, kickboards, cardboard, etc.

When the blade is turned crosswise this knife makes an excellent scraper.

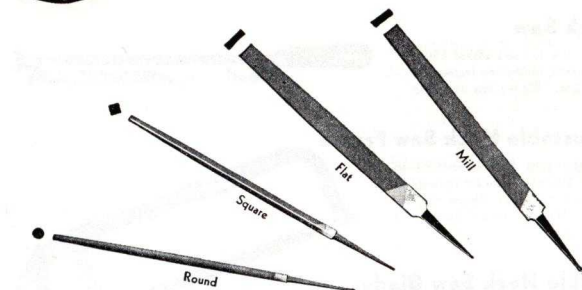
Comes equipped with five blades encased in the handle. Extra blades furnished in packages of five. No. 199B.

Length 6" overall.





HACK SAWS & FILES



Half-Round



Lead Float and Wood



Extra-Slim Taper



File Handle

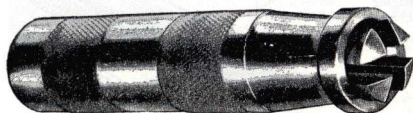
File Handles

Made in three sizes—No. 2, Small for 5" and 6" files; No. 3, Medium for 8" and 10" files; No. 4, Large for 12", 14" and 16" files. Handles are of wood—plain, without finish. They have metal ferrule which prevents splitting at the file tang opening.

Point File

The Bonney Point File is a quality file, guaranteed to file platinum and tungsten points on all ignition systems. 5 $\frac{3}{8}$ " long overall. Sold one dozen on attractive display card.

No. 196 Grip-A-Tang Adjustable File Handle



This collet-type, chuck-retaining handle will accommodate any flat-end file such as mill, flat, half-round and lead float, or wood file in sizes ranging from 6" to 16" inclusive. All metal construction.

Bonney Files

Bonney Files are made in 7 types and each type in the sizes which find most common use, as shown in the tables below. They are of quality consistent with all other tools in the Bonney Line.

Mill Bastard	Flat Bastard	Square Bastard
6	6	6
8	8	8
10	10	10
12	12	12
14	14	14
16	.....	.....

Round Bastard	Half-Round Bastard	Lead Float or Wood (Flat)	Extra-Slim Taper
.....	.....	.....	5
6	6	.....	6
8	8	.....	8
10	10	.....	.....
12	12	12	.....
14	14	.....	.....

Standard Package Quantities—Files up to and including 10" in length are packed 1 dozen to the package. Files over 10" in length are packed $\frac{1}{2}$ dozen to the package.

BODY & FENDER TOOLS



No. FB7 Body and Fender Set

21 Pieces

No.	Description
F2	Regular or Toe Dolly
F3	Heel Dolly
F4	Bar Dolly
F5	Wedge Dolly Block
F6	General Purpose Dolly
F7	Budd Dolly
F10	Small Hand Hold Dolly
F11	Angle Dolly Block
F12	Large Hand Hold Dolly
F13	Special Door Panel Spoon
F15	Wide Body Spoon
F16	Panel Spoon
F25	14" Flexible File Blade
F31	Adj. Flex. File Holder
PH22	Bumping Hammer
PH23	Light Bumping Hammer
PH24	Dinging Hammer
PH25	Light Dinging Hammer
PH26	Special Bumping Hammer
PH31	Long Pick Hammer
PH37	Cross Pein Hammer

The Bonney No. FB7 Set is a very complete set of body and fender tools for the specialist in work of this kind. FB7B is packed in metal box MB64, 21½" x 9½" x 4½", with carrying handle, padlock hasp, and end catches. FB7 in cardboard box. The set consists of one each of the tools listed.



MB64

Bonney Metal Snips

Compound leverage design provides strong, yet free and easy cutting power on all types of tough sheet metal including stainless steel and duralumin. The drop-forged chrome-vanadium steel jaws are serrated to provide a sure grip on the work. They are spring-actuated. The jaws are 2½ inches long, handles 6¾ inches. The overall length is 9¾ inches. Furnished in three styles as follows:



No. B50—For right hand cutting
No. B51—For left hand cutting
No. B52—Universal, for right or left cuts.
Packaged individually in cardboard box.



BODY & FENDER TOOLS



MB64

No. FB3 Body and Fender Set

11 Pieces

This set will fill the requirements of the apprentice or the shop which encounters only occasional body work. Set FB3B is furnished in metal box MB64, 21½" x 9½" x 4½", FB3 in a cardboard box. The following tools are included:

No.	Description	No.	Description
F2	Regular or Toe Dolly	F31	Adj. Flex. File Holder
F5	Wedge Dolly	PH22	Bumping Hammer
F6	General Purpose Dolly	PH24	Dinging Hammer
F12	Large Hand Dolly	PH26	Special Bumping Hammer
F16	Panel Spoon	PH31	Long Pick Hammer
F25	14" Flexible File Blade		



No. F24 File Holder

This is the type of file holder most popular in body repair shops. Designed especially for No. F25—14" Flexible File Blade. Made of wood with grip over the blade which assures accurate filing. Weight 15 ozs.



No. F31 Adjustable Flexible File Holder

An adjustable aluminum file holder for use with 14" flexible file blades. Permits flexing of file for use on a hollow (concave) or a round (convex) surface.



No. F25 14" Flexible File Blade

This body file blade has teeth designed on the milling cutter principle. Each tooth has a land and groove. The lands increase cutting quality. The curved groove curls and eliminates the chips and prevents "loading". Recommended for use on sheet steel of all kinds, as well as repairing and refinishing auto bodies and fenders. Particularly effective for filing soft metals. For use with No. F24 or F31 File Holders. Overall length 14 inches.

No. F26 Set

Consists of one No. F24 File Holder and six No. F25—14" Flexible U Tooth Files. Holder in this set furnished without cost.

BODY & FENDER TOOLS



The heads of the hammers described below are drop forged of high grade hammer steel with straight-grained hickory handles securely anchored in the heads.

No. PH 22 Bumping Hammer

This hammer has polished faces and black body. Head $4\frac{1}{4}$ inches long. Round face $1\frac{1}{4}$ inches in diameter. Square face $1\frac{1}{4}$ inches square. Overall length 12 inches.

No. PH23 Light Bumping Hammer

A light weight finishing hammer with polished faces on the head and black body. Head 4 inches long. Round face $1\frac{1}{4}$ inches diameter. Square face $1\frac{1}{8}$ inches square. Overall length $11\frac{1}{2}$ inches. Head weight 9 oz.

No. PH24 Dinging Hammer

A finishing hammer with faces crowned and polished—body of head finished in black. Head 6 inches long. Large face $1\frac{1}{8}$ inches diameter. Small face $1\frac{1}{4}$ inches diameter. Overall length 12 inches. Head weight 13 oz.

No. PH25 Light Dinging Hammer

A sturdily made, light weight finishing hammer. Head $6\frac{1}{2}$ inches long. Large face $1\frac{1}{4}$ inches diameter. Small face $1\frac{1}{8}$ inches square. Overall length $11\frac{1}{2}$ inches. Head weight 10 oz.

No. PH26 Spec. Bumping Hammer

The head is drop-forged with bullet shaped end which makes it easy to remove small dents. Face of the head is polished with body finished in black. Strong hickory handle. Head 4 inches long. Overall length 12 inches. Head weight 7 oz.

No. PH27 Upholsterers' Magnetic Hammer

Head is $5\frac{1}{2}$ inches long, polished all over and one end is magnetized. Overall length 12 inches. Head weight 7 oz.

No. PH31 Long Pick Hammer

Made with a long-reach pein for driving up small dents. Face is polished, body finished in black. Head $9\frac{1}{2}$ inches, face $1\frac{1}{8}$ inches in diameter. Overall length 12 inches, head weight 15 ozs.

No. PH37 Cross Pein Hammer

A sturdy cross pein head with the peining end designed especially for fender beads and corners. Face $1\frac{1}{16}$ inches in diameter. Head $6\frac{1}{4}$ inches long. Overall length 11 inches. Head weight 11 oz.

No. F2 Regular or Toe Dolly Block

Drop-forged of selected steel. Length $4\frac{3}{4}$ inches. Width $2\frac{1}{2}$ inches. Thickness $1\frac{1}{8}$ inches. Weight $2\frac{1}{4}$ lbs.

No. F3 Heel Dolly Block

Drop-forged of steel most suitable for this type tool. Length $3\frac{1}{4}$ inches. Width $2\frac{1}{2}$ inches. Thickness $1\frac{1}{2}$ inches. Weight $2\frac{1}{4}$ lbs.

No. F4 Bar Dolly Block

Drop-forged steel. Length $4\frac{1}{4}$ inches. Width 2 inches. Weight 3 lbs.



BODY & FENDER TOOLS

No. F5 Wedge Dolly Block



Designed especially for work on turret tops. Drop-forged of selected steel. Length 5". Width $2\frac{1}{2}$ ". Weight $2\frac{1}{2}$ lbs.

No. F10 Small Hand Hold Dolly



The hand hold makes this dolly a favorite among body repairmen. Weight $2\frac{1}{4}$ lbs. Face 2" x $2\frac{1}{8}$ ".

No. F6 General Purpose Dolly Block



This dolly block will find many uses in body repair work. Weight 3 lbs. Face 3" long, $2\frac{3}{8}$ " wide.

No. F11 Angle Dolly Block



This drop forged dolly is formed with each side of the angle on a different curve pattern for either panel or fender application. Shape permits good hand grip. Weight $2\frac{1}{2}$ lbs. Length $3\frac{1}{4}$ ". Width $3\frac{1}{4}$ ". Thickness $1\frac{1}{4}$ ", approximately.

No. F7 Budd Dolly Block



Drop-forged of selected steel. Its curved surfaces are designed so that it will take care of any repair on a Budd Body. Each block is carefully gauged after it is polished to insure correct radio of the curves. Weight 3 lbs. Length $3\frac{1}{2}$ ". Width $2\frac{1}{2}$ ". Thickness $\frac{3}{4}$ ".

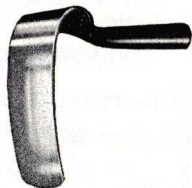
No. F12 Large Hand Hold Dolly



A heavy duty dolly for all-around use. Weight $3\frac{1}{2}$ lbs. Face $3\frac{1}{4}$ " x $3\frac{1}{4}$ ".

No. F13 Special Door Panel Spoon

In addition to work on door panels, this spoon will be found handy for working on the quarterdeck of turret tops and between the headlining strainer and roof panels. It is also handy for work between the fender bracket and fender metal where a dolly block can't be used. Blade is $2\frac{1}{4}$ " wide, 7" long. Handle is $\frac{7}{8}$ " diameter. Weight 23 oz.



No. F15 Wide Body Spoon

Dimensions of blade $2\frac{1}{4}$ " wide, 7" long. Overall length $10\frac{1}{2}$ ". Weight 1 lb.



No. F16 Panel Spoon

Used in general body repair work and on turret tops. Forged of selected steel with polished working surfaces. Blade $2\frac{1}{4}$ " wide, 7" long. Overall length $11\frac{1}{4}$ ". Weight 22 oz. Packed 6 to the box.





Rim Wrenches No. 2420 Series

The single hexagon Rim Wrenches listed below are designed to take care of practically all sizes of passenger car wheel nuts. Plated finish enhances the appearance and durability.



No. 2420 Series

No.	Opening
2420	$\frac{5}{8}$
2422	$\frac{11}{16}$
2424	$\frac{3}{4}$
2426	$\frac{13}{16}$
2428	$\frac{7}{8}$

No. 2553 Cross Rim Wrench

A sturdy tool for garage, service station or car owner. The $\frac{3}{4}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ " and $\frac{7}{8}$ " single hexagon openings cover practically all sizes of passenger car wheel nuts. 20" long.



Truck Rim Wrenches

Nos. 7940 and 7941 are designed especially for use on Ford truck rim nuts. No. 7943A for Chevrolet Truck wheel lugs. No. 7944 is for rim nuts on practically all other makes of trucks, and the No. 7942 is a handle and pry bar for use with the wrenches mentioned above.

All tools have plated finish.



No. 7943A, 7944 and 7944A



No. 7940—7941

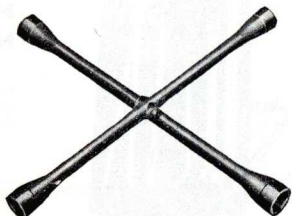


No. 7942

No.	Opening	Length
7940	$\frac{13}{16}$ square & $1\frac{1}{8}$ hexagon	$16\frac{7}{8}$
7941	$\frac{13}{16}$ square & $1\frac{1}{2}$ hexagon	$16\frac{7}{8}$
7943A	$\frac{7}{8}$ hexagon & $1\frac{1}{16}$ hexagon	15
7944	$\frac{7}{8}$ hexagon & $1\frac{1}{16}$ hexagon	$14\frac{7}{8}$
7944A	$\frac{7}{8}$ hexagon & $1\frac{3}{16}$ hexagon	$14\frac{7}{8}$
7942	Handle and pry bar $\frac{3}{4}$ diameter	20

No. 2554 Truck Cross Rim Wrench

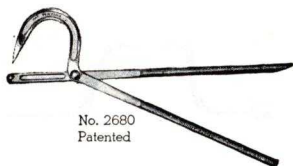
This is a heavy duty universal truck type 4-way wheel wrench, drop forged and plated. There are 6 openings as follows: $\frac{13}{16}$ " square, $\frac{7}{8}$ " hex, 1" hex, $1\frac{1}{16}$ " hex, $\frac{13}{16}$ " hex and $1\frac{1}{2}$ " hex. The overall length is 25" and approximate weight is 12 lbs.



No. 2554



RIM, BRAKE, WHEEL TOOLS



No. 2680
Patented



Fig. 1



Fig. 2



Fig. 3

No. 2680 Brake Spring Plier

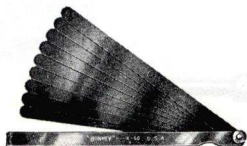
Designed especially for the removal and replacement of internal brake springs on cars and trucks of all types and sizes, this brake spring plier will be found unusually efficient.

The hooked end of the plier grasps the brake spring firmly, while the "goose-neck" pointed side of the plier makes firm contact with the brake lining on the shoe and prevents any possibility of slipping.

The plier can be used equally well in the removal of springs held in place by the hole in the brake shoe (Fig. 1), or by a stud attached to the brake shoe (Fig. 2).

In replacing brake springs on brakes that have the stud fastened to the brake shoe (Fig. 3), the notched end of the plier will be found exceptionally useful.

The No. 2680 Brake Spring Plier is drop forged of Bonaloy Steel, carefully heat-treated, with full chromium plated finish. It weighs only 11 ounces. Its $12\frac{1}{2}$ " length provides leverage to handle the strongest springs with ease.



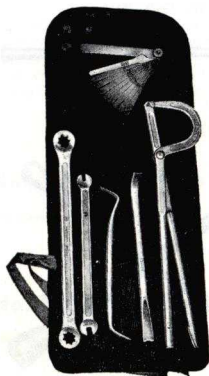
No. K50

No. K50 Brake Adjusting Gauge

A feeler gauge designed expressly for measuring clearance between brake drum and shoe. Blades are made from finest, imported Swedish Steel, carefully heat-treated and tempered to withstand wear. Each blade is tested to insure the exact thickness etched on it.

It is equipped with a knurled thumb nut for instant release and selection of the blade desired. When tightened, it holds the blade selected in working position, while blades not needed are securely locked in the handle.

No. K50 has 9 blades, each 4" long x $\frac{1}{4}$ " wide in the following thicknesses: .002; .004; .005; .006; .007; .008; .010; .012; .015.



No. N16R Brake Set in Roll . 6 Pieces No. N16 Tools Only

Contains the six brake tools most often needed in the servicing and adjusting of brakes on practically all makes and models of cars and trucks. Individual tools are described on this page and the following page.

Nos. 2566

2566A

Nos. D2857

2561

Nos. 2680

K50

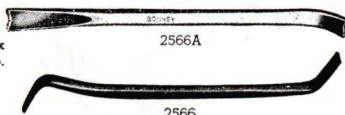
Packed in a handy leatherette roll, LR88.

RIM, BRAKE, WHEEL TOOLS



Nos. 2566 and 2566A

For making brake adjustments on cars equipped with Bendix Brakes. No 2566 has $\frac{1}{2}$ " width blades, is $7\frac{1}{2}$ " overall. No. 2566A has $\frac{1}{2}$ " width blades, is 8" overall. Chrome plated.



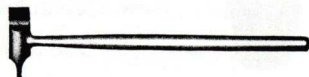
No. 2561 Brake Wrench

Specially designed for adjustment of Bendix Brake eccentric. Has $\frac{3}{16}$ " and $\frac{1}{4}$ " openings. Length overall 8" Chrome plated.



No. 2589 Adjusting Tool

A special tool which is unusually useful in making certain brake and steering gear adjustments. Blade is $\frac{3}{4}$ " thick and $\frac{1}{2}$ " in width. Overall length is 7".



No. 2599 Brake Tool

Designed for adjustments on Bendix hydraulic brakes. The curved blade is for "star wheel" adjustments and the open end is for eccentric nut. Blade is $\frac{3}{8}$ " wide, open end has $\frac{3}{16}$ " opening— $9\frac{1}{8}$ " long. Chrome plated.



No. 2629 Brake Wrench

Single head box wrench with $1\frac{1}{16}$ " double hexagon opening for brake adjustments on Chrysler, Dodge, DeSoto and Plymouth cars. Chrome plated.



Open End Box Wrenches for Copper Tube Fittings

Drop forged of Bonaloy Steel, carefully heat treated and chrome plated, these wrenches have slotted, single or double hexagon openings for removal and replacement of copper tube flare nuts and fittings on hydraulic brake lines and gas lines. Heads are offset at 15° angle and openings are at 15° for efficiency. Handles are panelled and different size openings are in each end.



Double Hex. No.	Single Hex. No.	Openings	Length
2612	2612H	$\frac{3}{8}$ & $\frac{1}{2}$	$4\frac{3}{4}$
2618	2618H	$\frac{7}{16}$ & $\frac{9}{16}$	5
2630	2630H	$\frac{9}{16}$ & $1\frac{1}{16}$	6

No. D2857

For making adjustments to mechanical brakes on Ford cars and trucks. Has $\frac{3}{16}$ " & $\frac{1}{2}$ " double square openings, $10\frac{3}{4}$ " long. Chrome plated.





RIM, BRAKE, WHEEL TOOLS

Long Open End Wrenches



Designed especially for brake adjustments, spring clips, etc., these wrenches are drop-forged of Bonaloy Steel, fully chrome plated with polished heads.

No.	Openings	Heads Thkns.	Length
1731AL	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{3}{8}$	15
1034AL	$\frac{15}{16}$ & $1\frac{1}{16}$	$\frac{17}{32}$	16
1735L	1 & $1\frac{1}{8}$	$\frac{17}{32}$	16



No. PH30 Tire, Rim and Body Mallet

The head of this mallet is of a semi-hard rubber type composition which will not shatter, chip or split. Handle is of hickory. While ideal for tire and wheel work, this mallet is exceptionally good for certain fender bumping operations. Head weight $1\frac{3}{4}$ lbs. Length overall, $16\frac{1}{2}$ inches. Striking faces $2\frac{1}{2}$ inches in diameter.



No. PH19 Tire and Rim Hammer

Drop-forged from a high grade hammer steel and carefully heat treated, this tire and rim hammer will be found to answer every requirement for this type tool. The head has polished finish. The handle is of the finest, straight grained, young hickory, securely fastened in the head. Head weight 3 lbs. Length overall, 16 inches.

Camber Wrenches, $\frac{1}{2}$ " Square Drive

These thin, crowfoot wrenches have been developed to handle camber adjustments on latest model automobiles. They are made to use $\frac{1}{2}$ " square drive socket attachments and thereby provide maximum flexibility to suit the varied conditions encountered.

These tools may be purchased singly or as a complete set.

Tool No.	Opening	Fits
1609 1611	$1\frac{1}{4}$ $1\frac{5}{16}$	Pontiac 1949-50 Crosley Ford Mercury Lincoln (1949-50 Models)
1613	$1\frac{7}{16}$	Plymouth Dodge DeSoto Chrysler
1614	$1\frac{1}{2}$	

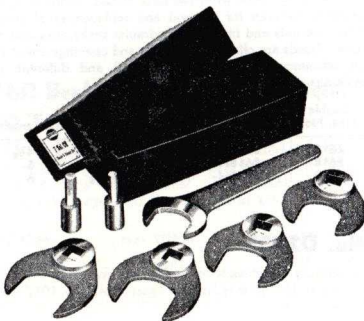
(Caster adjustment is most satisfactorily handled on the following 1949-50 models by using the thin Single Head Wrench No. 1238.)

Tool No.	Opening	Fits
1238	$1\frac{3}{16}$	Ford Mercury Lincoln

Tool No.	Size Hex. Bit	Size Drive	Fits
TW8	$\frac{1}{4}$	$\frac{3}{8}$	Gen. Motors Other Than '49-50 Pontiac
TW10	$\frac{5}{16}$	$\frac{3}{8}$	

No. N7 Caster-Camber Set

Includes the four special crowfoot Camber attachments, Nos. 1609, 1611, 1613 and 1614. Adjusting Wrench No. 1238 and Socket Head Screw Wrenches Nos. TW8 ($\frac{3}{4}$ ") and TW10 ($\frac{5}{8}$ "). Packed in cardboard box.



No. P011 Convertible Gear Puller

This is the small size in the new line of Bonney Convertible Pullers. The design of these sturdy pullers is such that a quick changeover will convert to a 2-arm or 3-arm puller as desired.

The upper assembly pins, with ball-detent locking, are quickly snapped from the links and are as readily replaced in the desired set-up, overcoming the necessity of using wrenches to disassemble and reassemble as in the case of bolted assemblies. This one model, P011, can be used to replace two separate pullers.

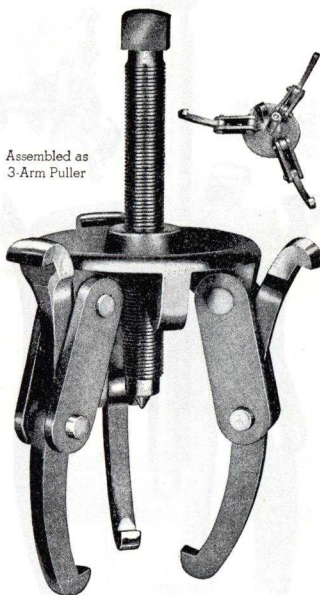
The individual parts are made of carefully selected alloys, treated as required to make this a balanced, strong and handy tool. A shear pin is provided to guard against jaw breakage.

The reversible arms (No. P011-5) in this assembly, have a maximum reach of $3\frac{1}{2}$ inches in depth and 0 to 6 inches in spread.

For identification, component parts have been assigned the following numbers:

P011-1....Hub	P011-3....Link	P011-5....Arm
P011-2....Screw	P011-4....Pin	($3\frac{1}{2}$ in. reach)
	P011-6....Shear Pin	

Since all parts are interchangeable, this puller can be converted further into a P011L (below) by securing a set of extra arms, No. P011L-5, as illustrated.



Assembled as
3-Arm Puller

No. P011L Convertible Puller

This puller is exactly the same as the above, except for the fact that it is furnished with the longer, adjustable arms No. P011L-5 in place of the shorter arms.

These longer arms have a maximum reach of $5\frac{1}{2}$ inches in depth and 0 to 8 inches in spread. No. P011L is provided for those cases in which the longer arms are required at the time of the original purchase of the puller. It can also be adapted later by securing the extra arms No. P011-5, used in the P011 assembly above.

Parts are identified by the following numbers:

P011-1....Hub	P011-3....Link	P011L-5....Arm
P011-2....Screw	P011-4....Pin	($5\frac{1}{2}$ in. reach)
	P011-6....Shear Pin	



Assembled as
2-Arm Puller



Arms for
No. P011L
Assembly,
No. P011L-5

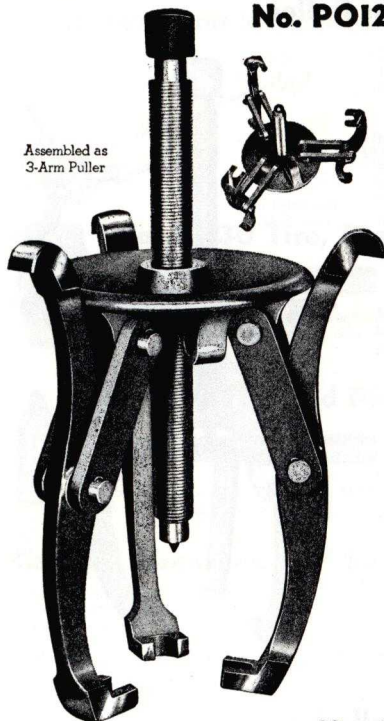




GEAR & MISC. PULLERS

No. PO12 Convertible Gear Puller

Assembled as
3-Arm Puller



The PO12 is a rugged puller, designed to handle the majority of pulling operations encountered in the automotive service shop.

This puller is made in the same general design as the smaller PO11, converting to a 2-arm or 3-arm assembly to meet the requirements of the job. It features the ball-detent locking pin linkage for quick changeover. A shear pin protects jaws.

Another feature of this puller is the slotted jaw on one end of the reversible arms, to be used for pulling gears which necessitate the use of cap screws in their removal. This feature adds greatly to the versatility of the tool. The reversible arms (No. PO12-5) in this assembly, have a maximum reach of $5\frac{1}{2}$ inches in depth and 0 to 8 inches in spread.

Parts are identified by the following numbers:

PO12-1...Hub	PO12-3...Link	PO12-5...Arm
PO12-2...Screw	PO12-4...Pin	($5\frac{1}{2}$ in. reach)
	PO12-6...Shear Pin	

Parts are interchangeable with No. PO12L (below) so that this puller may be further converted by securing a set of extra arms, No. PO12L-5, as illustrated.

No. PO12L Convertible Puller

Arms for No. PO12L Assembly, No. PO12L-5



This puller is exactly the same as the above, except for the fact that it is furnished with the longer, adjustable arms No. PO12L-5 in place of the shorter arms.

These longer arms have a maximum reach of $8\frac{1}{2}$ inches in depth and 0 to 10 inches in spread.

No. PO12L is provided for those cases in which the longer arms are required at the time of the original purchase of the puller. It can also be adapted later by securing the extra arms No. PO12L-5, used in the PO12 assembly above.

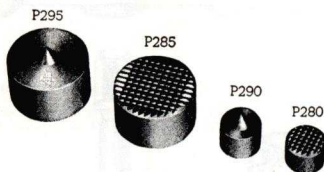
Parts are identified by the following numbers:

PO12-1...Hub	PO12-3...Link	PO12L-5...Arm
PO12-2...Screw	PO12-4...Pin	($8\frac{1}{2}$ in. reach)
	PO12-6...Shear Pin	

Adaptors for Convertible Gear Pullers

The four adaptors illustrated at right are for use with Bonney Convertible type pullers and are used to protect the shaft ends. The two sizes with knurled faces are for shafts which are not countersunk to receive the centering point on the puller screw.

- No. P280.....knurled, $1\frac{1}{32}$ " diam.
 No. P285.....knurled, $1\frac{1}{16}$ " diam.
 No. P290..... $1\frac{1}{32}$ " diam.
 No. P295..... $1\frac{1}{16}$ " diam.



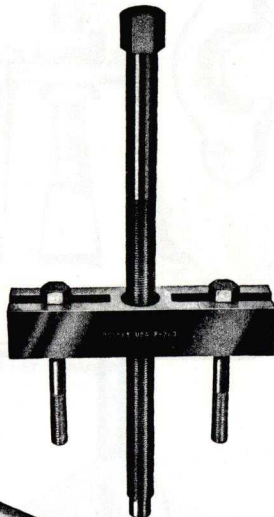
No. P309 Timing Gear Puller

This is a general purpose puller for removing timing gears, fan assemblies, vibration dampeners and other parts which are tapped to receive cap screws $\frac{3}{8}$ inch in diameter or less.

This puller is especially useful for pulling Chevrolet vibration dampeners without removing the radiator.

Parts for the No. P309 Puller are identified as follows:

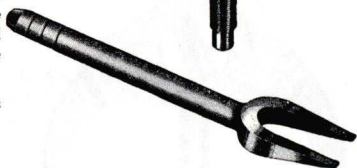
- P309-1 Center Block, $5\frac{1}{2}$ " long.
 P309-2 Forcing Screw, $11\frac{1}{2}$ " long.
 P309-3 Cap Screws (2), $\frac{3}{8}$ "—16 thd. per inch, $3\frac{1}{2}$ " long.



No. P319 Pitman Arm Separator

This tool is a forked wedge type separator, used to dismount the pitman arm assembly. The wedge is inserted between the pitman arm and the shaft. The arm is loosened by striking the end of the tool.

Separator No. P319 has a jaw opening $1\frac{1}{4}$ inches wide. The length of the tool is $11\frac{1}{4}$ inches.



No. P317 Shock Link & Stabilizer Link Separator



This tool is a forked wedge type separator, used to free the tapered links of the shock absorber assembly or the stabilizer assembly from their mountings.

The wedge is inserted between the link and the arm of the assembly and loosened by striking the end of the tool.

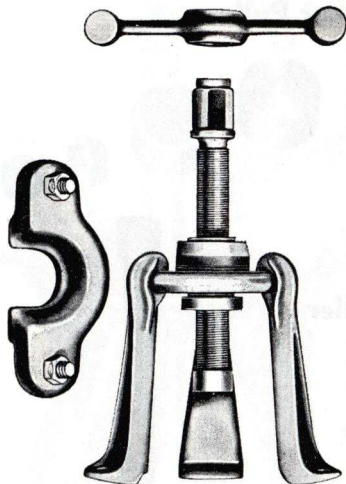
Separator No. P317 has a jaw opening $\frac{5}{8}$ inches wide. The length of the tool is 16 inches.



GEAR & MISC. PULLERS

No. P325 & P326 Universal Wheel Puller & Adaptor

This puller and adaptor cover approximately 98% of all cars requiring a puller. The puller has adjustable legs which can be adapted to any hub regardless of number of studs, providing bolt circle is no greater than $7\frac{1}{2}$ inches. When used with the adaptor, it services Fords and Mercurys, 1936-48.



Tool No.	Shipping Weight
P325 Hub Puller	10 lbs.
P326 Adaptor	3 lbs.

No. P305 Two-Arm Gear Puller

This two-arm puller has a wide range of applications in the service shop.

It is especially useful to the refrigeration service man for pulling operations encountered in refrigeration maintenance.

This tool will also service a great number of applications found in the automotive and aircraft service industries.

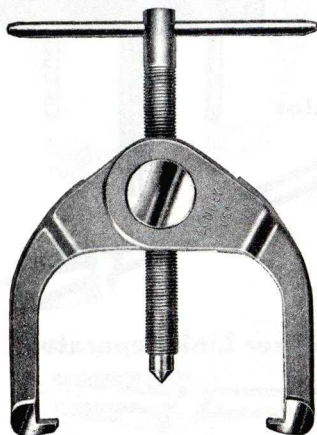
The unique feature of this puller is the simplicity of construction. Parts are identified as follows:

P305-1....Outer Arm
P305-2....Inner Arm

P305-3....Forcing Screw
P305-5....Pivot Pin

Maximum reach is $2\frac{3}{8}$ inches in depth.

Maximum spread is $3\frac{1}{2}$ inches.



Plastic Drifts

These Plastic Drifts are very useful tools for work where it is desired to avoid marking or damaging finished parts. They are also useful for driving out grease retainers and bearings.

Bonney Plastic Drifts are made of a tough plastic material that stands up extremely well under severe pounding.



Tool No.	Length	O. D.
CD 4	6"	$\frac{3}{4}$ "
CD 6	6"	$\frac{7}{8}$ "
CD 8	6"	1"

CD Set—Contains one each of the above.

SPECIAL & MISC. TOOLS



Feeler Gauges, made from the finest, imported Swedish Steel, carefully heat-treated and tempered to withstand wear. Each blade is tested to insure the exact thickness which is etched on it.

Bonney Feeler Gauges are equipped with a knurled thumb nut for instant release and selection of the blade desired. When tightened, this thumb nut securely holds the blade selected in working position, while blades not needed are securely locked in the handle.

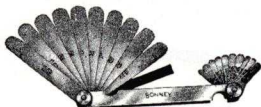


No. K50 Brake Adjusting Gauge

For measuring clearance between brake drum and shoe. 9 blades 4" long x 1/4" wide in the following thicknesses—.002; .004; .005; .006; .007; .008; .010; .012; .015.

No. K51 General Purpose Gauge

Especially for tappet and ignition work—the most popular gauge on the market. 11 blades 1 3/8" long x 1/4" wide, 10 blades 3 3/8" long x 1/4" wide and 3" point file. Short blades in following thicknesses—.012; .013; .014; .015; .018; .020; .022; .024; .025; .028; .032. Long blades in following thicknesses—.002; .003; .004; .005; .006; .007; .008; .010; .013; .015.



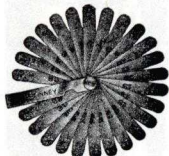
No. K52 Ignition Gauge

Contains 11 blades 1 3/8" long x 1/4" wide and 3" point file for ignition, distributor points and spark plugs. Thickness of blades included as follows—.012; .013; .014; .015; .018; .020; .022; .025; .028; .032 and .035.



No. K53 Universal Master Gauge

Has full range of spacers—25 blades, each 3 3/8" long x 1/2" wide in following thicknesses—.0015; .002; .003; .004; .005; .006; .007; .008; .009; .010; .011; .012; .013; .014; .015; .016; .018; .020; .022; .024; .025; .028; .030; .032 and .035.



No. K54 Standard Feeler Gauge

Contains 10 blades 3 3/8" long x 1/2" wide in following sizes—.002; .003; .004; .005; .006; .007; .008; .010; .012 and .015.

No. K55 Extra Long Feeler Gauge

Exceptionally useful for pistons, etc. Has 8 blades, each 8 3/4" long x 1/2" wide in the following sizes—.002; .003; .004; .005; .006; .008; .010; .015.



No. K56 Single End Feeler Gauge Stock Holder (Positive Adjustable Lock)

Any thickness of feeler gauge stock coils within the handle and can readily be pulled out for use. Any desired length of strip stock or standard 12" blades may be used. Positive sliding lock securely holds blades. Made from hard drawn; cold rolled steel and satin nickel plated. Length 4 1/2". Weight 1 oz.

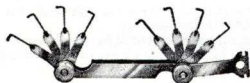
Extra Blades

Designed to fit practically any holder, the 3 3/8" blades are available in all the popular range of thicknesses and with hole for insertion in gauges. The 12" lengths are popular for use in the No. K56 Stock Holder which makes the blades usable to the end. Both 3 3/8" and 12" blades are packed 6 in a cellophane envelope. Sizes are listed below.

1/2" x 3 3/8" Blades						1/2" x 12" Blades					
No.	Thkns.	No.	Thkns.	No.	Thkns.	No.	Thkns.	No.	Thkns.	No.	Thkns.
K0015	.0015	K010	.010	K022	.022	KL0015	.0015	KL010	.010	KL018	.018
K002	.002	K011	.011	K024	.024	KL002	.002	KL012	.012	KL020	.020
K003	.003	K012	.012	K025	.025	KL003	.003	KL013	.013	KL024	.024
K004	.004	K013	.013	K028	.028	KL004	.004	KL014	.014	KL025	.025
K005	.005	K014	.014	K030	.030	KL005	.005	KL015	.015	KL028	.028
K006	.006	K015	.015	K032	.032	KL006	.006	KL016	.016	KL035	.035
K007	.007	K016	.016	K035	.035	KL007	.007	KL017	.017	KL040	.040
K008	.008	K018	.018	K040	.040	KL008	.008				
K009	.009	K020	.020								



SPECIAL & MISC. TOOLS

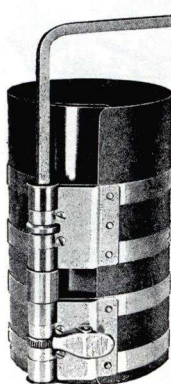


No. K57 Spark Plug Gauge

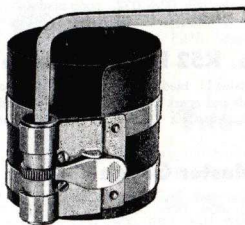
Wire Spark Plug Feeler Gauge with electrode bending tool attached. Wires are .022, .025, .028, .030, .032, .035, .038, .040 by 1 5/8" long. Each wire is in a blade type holder with the size stamped on it for easy identification.

Piston Ring Compressors

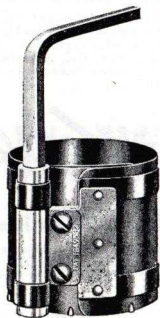
RC41, RC43 and RC44 compressors are held with a friction locking device. RC43A, RC44A and RC45A are ratchet type. These wind-up type compressors are made of the finest clock spring steel. They are easy to wind, equipped with a wind-up spool with 1/4" square drive socket and key. RC41 fits small compressor, power mower and garden tractor motors.



RC45A



RC43A
RC44A



RC41 (Single Band)
RC43
RC44

Tool No.	Size	Length
RC41	1 1/2 to 3	Single Band
RC43	2 1/2 to 5	3 3/16
RC44	3 1/2 to 7	2 1/2
RC43A	2 1/8 to 5	3 3/8
RC44A	3 1/2 to 7	3 1/8
RC45A	3 1/2 to 7	6 1/2

No. I97 Putty Knife

A handy shop tool for removing gaskets, grease, etc. Flexible steel blade and ferruled oval handle. Blade width 1 1/4", blade length 3 3/4", overall length 7 3/4"



No. CSI Carbon Scraper

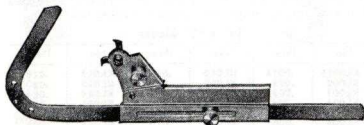
This tool is made of tempered spring steel which provides the best combination of flexibility and wear-resistance. Its flexibility aids greatly in speeding up carbon-scraping jobs. The scraper blade is 1" wide.



RC46 Ring Groove Cleaner

Can be used on pistons up to 5 inches. Uniform working tension. Can be used as groove deepening tool. Positive cutter lock. Cutter easily removed for resharpening. Replacement blades available. Four-way cutter blade—3/32", 1/8", 3/16", 1/4"

RC47—Performs same function as RC46 but has special cutter blade to fit late model Cadillac, Oldsmobile and Hudson Pistons. Cutter blades 3/64", 1/16", 3/32", 1/8" wide.



Patent No. 2,124,757

RC46
RC47

SPECIAL & MISC. TOOLS

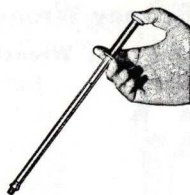


Handy Holding Tools

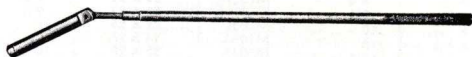
Ideal for screw holding, gripping, inserting, removing and picking up screws, washers, nuts, bolts, taper pins, valve pins and similar objects. The two spring steel fingers are forced outward and open. When pressure is released the strong coil spring closes the fingers tightly around the object.

Used by electricians, radio service men, locksmiths, piano tuners, and in servicing typewriters, adding, calculating, linotype and similar machines, as well as by automotive mechanics. Finished in full nickel.

No.	Reach	Overall Length
K4	4"	6 3/4"
K6	6"	8 3/4"
K8	8"	10 3/4"
KF	12"	14 3/4"



Magnetic Holding Tools



Tool No.	Length
K1	9"
K2	27" extended

These extremely useful tools have a powerful magnet in the hinged end. They are designed for extracting metal objects from tight places and work equally well on screws, washers, nuts, bolts, taper pins, valve pins, etc.

The larger tool (K2) has a telescope type extension handle.

Thread Restorers

Used like a file, these Thread Restorers are fast cutting and do a quick job in restoring battered or damaged threads on studs, bolts, cap screws, axle shafts, etc. They are made in two sizes.



TR1—for 11, 12, 13, 14, 16, 18, 20, 24 threads to the inch.

TR2—for 9, 10, 12, 16, 20, 27, 28, 32 threads to the inch.

No. TR7 (S.A.E.) & TR8 (U.S.S.) Thread Restorer Sets

Furnished as a set only, the eight sizes of restorers are used to re-chase battered or damaged threads so that nut will run on freely. Not to be used as dies on new work.

Bolt Dia	S.A.E. Thd. Per In.	U.S.S. Thd. Per In.	Hexagon Size
1/4	28	20	7/16
5/16	24	18	1/2
3/8	24	16	5/8
7/16	20	14	5/8
1/2	20	13	3/4
9/16	18	12	7/8
5/8	18	11	1 1/8
3/4	16	10	1 1/16



No. SER Screw Extractor Set

This is a full set of extractors to be used to remove broken studs, screws, etc., up to 1" in diameter. To remove, a hole is drilled and the extractor, with left hand thread, is screwed in until it grips and turns out the imbedded part.

No.	Length Overall	Size Drill to Use	For Screw and Bolt Sizes
SE1	2	5/64	3/16 - 1/4
SE2	2 3/4	7/64	1/4 - 5/16
SE3	2 1/16	1/32	5/16 - 7/16
SE4	3	1/16	7/16 - 9/16
SE5	3 3/4	1/8	9/16 - 3/4
SE6	3 3/4	1 1/32	3/4 - 1

SER Set is furnished in leatherette roll, LR5.





SPECIAL & MISC. TOOLS

Bonney Wrenches to fit Whitworth and Metric Sizes

Engineers' Wrenches

Bonality Steel, Chromium Plated



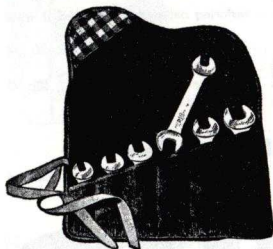
For Whitworth Standard Nuts

No.	Whitworth Standard Nuts, Size Bolts	Extreme Length
W1021	1/8 & 3/16	3 3/4
W1022	1/8 & 1/4	4 1/2
W1023	3/16 & 1/4	4 1/2
W1024	3/16 & 5/16	5 3/8
W1025	1/4 & 5/16	6 1/8
W1026	1/4 & 3/8	6 3/8
W1027	5/16 & 3/8	7 1/4
W1028	5/16 & 7/16	8 1/4
W1029	3/8 & 7/16	8 1/4
W1030	3/8 & 1/2	8 1/4
W1031	7/16 & 1/2	9 1/4
W1032	7/16 & 9/16	10
W1033	1/2 & 9/16	10
W1034	1/2 & 5/8	10 1/2
W1035	5/8 & 5/8	10 1/2
W1036	5/8 & 3/4	12
W1036A	1/2 & 3/4	12
W1037	5/8 & 3/4	12

With Metric Measure Openings

No.	Openings Milled, M. M.	Extreme Length
M1021	6 & 8	3 3/4
M1021A	7 & 9	3 3/4
M1023	10 & 12	4 1/2
M1024	11 & 13	5 3/8
M1025	12 & 14	6 1/8
M1026	15 & 17	7 1/4
M1027	14 & 16	6 3/8
M1028	16 & 18	7 1/2
M1028A	17 & 19	8 1/4
M1029	18 & 20	8 1/4
M1031	20 & 22	9 1/4
M1031T	21 & 23	10
M1032	22 & 25	10
M1033	24 & 26	10 1/2
M1033	25 & 28	12
M1036T	27 & 29	12
M1036	28 & 30	12
M1039B	32 & 35	14
M1039D	36 & 38	14
M1039E	37 & 39	14

Engineers' Wrench Sets



No. W25 Set

The No. W25 Bonney Engineers' Wrench Set will cover all the most popular sizes of Whitworth Nuts and Bolts. Every wrench has a different size opening in each end. They are drop-forged of Bonality Steel, are light in weight and have pear shaped heads to easily gain access to the "hard-to-get-at" places. It contains one each of the following wrenches—

Nos. W1023 W1027 Nos. W1031
W1025 W1029 W1033

W25R is furnished in leatherette roll, LR56, W25 in cardboard box.

No. M25 Set

Exactly the same as the No. W25 Set except that the wrenches included have metric measure openings. One each of the following wrenches are included—

Nos. M1021 M1027 Nos. M1031
M1023 M1029 M1033

M25R is furnished in leatherette roll, LR56, M25 in cardboard box.

Combination Wrenches

Bonality Steel, Chromium Plated



Same Size Openings
Each End

For Whitworth Standard Nuts

No.	Whitworth Standard Nuts, Size Bolts	British Standard Fine	Length
W1161	1/8	3/16	5 3/8
W1162	3/16	1/4	6
W1163	1/4	5/16	6 3/4
W1164	5/16	3/8	7 1/4
W1165	3/8	7/16	9 1/2
W1166	7/16	1/2	11
W1167	1/2	9/16	13

With Metric Measure Openings

No.	Size Openings, M. M.	Length
M161	11	5 3/8
M161A	12	6
M162	13	6
M163	14	6 3/4
M164	15	7 1/4
M165	16	8 3/8
M165A	17	8 3/8
M166	18	9 1/2
M166A	19	9 1/2
M166B	20	11
M167	21	11
M167A	22	11
M167B	23	13

SPECIAL & MISC. TOOLS



Tappet Wrenches

No. W420 and M420 Series

Chromium Plated



For Whitworth Standard Nuts

No.	Whitworth Std. Nuts; Size Bolts	Extreme Length
W420	3/16 & 1/4	9 1/2
W422	1/4 & 5/16	9 1/2
W424	5/16 & 3/8	9 1/2
W424A	3/8 & 7/16	9 1/2
W426	7/16 & 1/2	9 1/2
W428	1/2 & 9/16	9 1/2

With Metric Measure Openings

No.	Milled Openings; M. M.	Extreme Length
M420	9 & 11	9 1/2
M422	12 & 13	9 1/2
M424	14 & 16	9 1/2
M425	18 & 19	9 1/2
M426	20 & 22	9 1/2
M428	24 & 26	9 1/2

Tappet Wrench Sets

No. W22 Set

The No. W22 Set contains two each of the three most popular size wrenches with openings for Whitworth Standard Nuts. Each wrench is drop-forged of Bonaloy Steel, fully chrome plated and with polished heads. Openings are at 15° angles. Included are two each of the following wrenches—Nos. W422, W424A and W428.

W22R is furnished in leatherette roll, LR44, W22 in cardboard box.

No. M22 Set

The No. M22 Set is exactly the same as the No. W22 Set except that the wrenches have metric measure openings. Two each of Nos. M422, M424 and M426 are included.

M22R is furnished in leatherette roll, LR44, M22 in cardboard box.



Double Offset Box Wrenches - Long Type - Chromium Plated

For Whitworth
Standard Nuts



No.	Whitworth Standard Nuts; Size Bolts	British Standard Fine	Length
W2804L	1/8 & 3/16	3/16 & 1/4	8 1/2
W2805L	3/16 & 1/4	1/4 & 5/16	9
W2806L	1/4 & 5/16	5/16 & 3/8	9 1/2
W2807	5/16 & 3/8	3/8 & 7/16	11
W2808	3/8 & 7/16	7/16 & 1/2	11 1/2
W2809	7/16 & 1/2	1/2 & 9/16	12 1/2
W2810	1/2 & 9/16	9/16 & 5/8	13 1/2

with Metric
Measure Openings

No.	Size Openings; M. M.	Length
M2804L	9 & 11	8 1/2
M2804LA	10 & 12	8 1/2
M2805L	13 & 14	9
M2807	15 & 17	11
M2807A	16 & 18	11 1/2
M2808	19 & 20	11 1/2
M2809	21 & 22	12 1/2
M2810	23 & 24	13 1/2
M2810A	25 & 26	13 1/2

Long Type Wrench Sets

No. W187 Set

The No. W187 Set contains six drop-forged long type Double Offset Alloy Steel Box Wrenches, each with a different size opening in each end. All have plated finish and double hexagon openings. Packed in a cardboard box, one each of the following wrenches are included—Nos. W2804L, W2805L, W2806L, W2807, W2808 and W2809.

No. W187A Set

This set is identical with No. W187 Set except that it includes wrench No. W2810 in addition to the six wrenches in the No. W187 Set. Packed in cardboard box.

No. M192 Set

The No. M192 Set contains seven drop-forged, long type Double Offset Alloy Steel Box Wrenches with double hexagon, millimeter openings. Each wrench has a different size opening in each end and is fully plated. Packed in a cardboard box, one each of the following wrenches are included—Nos. M2805L, M2807, M2807A, M2808, M2809, M2810 and M2810A.

No. M192A Set

Contains exactly the same assortment of wrenches as the No. M192 Set plus one each wrenches Nos. M2804L and M2804LA. Packed in cardboard box.



SPECIAL & MISC. TOOLS

Double Offset Box Wrenches - Short Type - Chromium Plated

For Whitworth Standard Nuts				With Metric Measure Openings		
No.	Whitworth Standard Nuts, Size Bolts	British Standard Fine	Length	No.	M. M. Openings	Length
W2804	1/8 & 3/16	3/16 & 1/4	4 3/4	M2804	9 & 11	4 3/4
W2805A	3/16 & 1/4	1/4 & 5/16	5 1/8	M2804A	10 & 12	4 3/4
W2806	1/4 & 5/16	5/16 & 3/8	5 3/4	M2805	13 & 14	5 3/8
W2806C	5/16 & 3/8	3/8 & 7/16	6	M2806	15 & 17	6
				M2806A	16 & 18	6

Short Type Wrench Sets

No. W188 Set

The No. W188 Set contains one each wrenches Nos. W2804, W2805A, W2806 and W2806C packed in a cardboard box. Each wrench is drop-forged of alloy steel and has plated finish. All have double hexagon openings.

Packed in cardboard box.

No. M189 Set

The No. M189 Set contains five wrenches each with a different size double hexagon millimeter opening in each end. They are drop-forged of alloy steel and have full plated finish. The set contains one each of the following wrenches—Nos. M2804, M2804A, M2805, M2806 and M2806A, packed in a cardboard box.

15° Angle Offset Box Wrenches - Chromium Plated

For Whitworth Standard Nuts				With Metric Measure Openings		
No.	Whitworth Standard Nuts, Size Bolts	British Standard Fine	Length	No.	M. M. Openings	Length
W142	1/8 & 3/16	3/16 & 1/4	7 5/8	M142	9 & 11	7 5/8
W144	3/16 & 1/4	1/4 & 5/16	8 7/8	M142A	10 & 12	7 7/8
W144A	1/4 & 5/16	5/16 & 3/8	9 1/4	M144	13 & 14	8 5/8
W146	5/16 & 3/8	3/8 & 7/16	9 5/8	M146	15 & 17	9 5/8
W148	3/8 & 7/16	7/16 & 1/2	11	M146A	16 & 18	9 5/8
W150	7/16 & 1/2	1/2 & 9/16	13 1/4	M148	19 & 21	11
W152	1/2 & 9/16	9/16 & 5/8	15 1/2	M148A	20 & 22	11
				M150	23 & 25	13 1/4
				M152	24 & 26	15 1/2

15° Angle Offset Wrench Sets

No. W140 Set

The No. W140 Set contains one each of the following drop-forged wrenches for Whitworth Standard Nuts—Nos. W142, W144A, W146, W148, W150 and W152. All have plated finish, double hexagon openings and the set is packed in cardboard box.

No. W141 Set

The No. W141 Set contains one each of the following wrenches with openings for Whitworth Standard Nuts—W142, W144, W144A, W146, W148 and W150. Packed in cardboard box.

No. W141A Set

The No. W141A Set contains one each wrench Nos. W142, W144, W144A, W146, W148, W150, W152 with openings for Whitworth Standard Nuts. Packed in cardboard box.

No. M140 Set

This set contains six 15° angle offset box wrenches with double hexagon, millimeter openings. Each wrench is drop-forged of alloy steel, with plated finish. Included are one each wrenches—Nos. M142, M142A, M144, M146, M146A and M148. Packed in cardboard box.

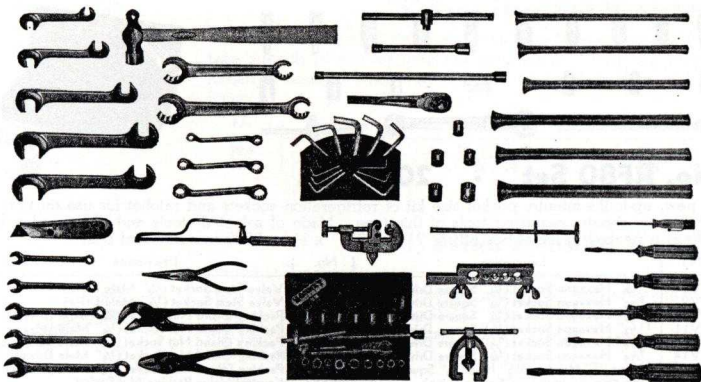
No. M141 Set

This set is exactly the same as the No. M140 Set except that it contains one each of wrenches—Nos. M144, M146, M146A, M148, M148A, M150 and M152. Packed in cardboard box.

No. M141A Set

This set is exactly the same as Sets No. M140 and M141 except that it contains a complete assortment of 15° angle offset box wrenches with double hexagon, millimeter openings. One each wrenches—Nos. M142, M142A, M144, M146, M146A, M148, M148A, M150 and M152 are included. Packed in cardboard box.

REFRIGERATION TOOLS



No. RF85 Set . 76 Pieces

The Bonney RF85 Set is designed particularly for refrigeration mechanics and service men. It is a complete set and consists of special refrigeration tools, an assortment of sockets and attachments, combination wrenches and other necessary service tools. No. RF85B Set is furnished in metal box MB48, 19" x 8" x 5". RF85 in a cardboard box.

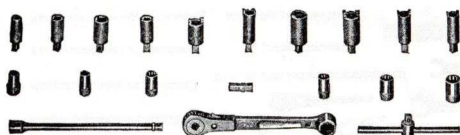


MB48

No.	Description	No.	Description
RF80 Set #5 Set	In small metal box. In leatherette case.		
	3/8" SQ. DRIVE SOCKETS AND ATTACHMENTS		TUBE BENDERS
T4	Extension, 6" long	RF60	For 1/4" Tubing
T5	Extension, 12" long	RF61	For 5/16" Tubing
T14	7/16" Double Hexagon Socket	RF62	For 3/8" Tubing
T16	1/2" Double Hexagon Socket	RF63	For 7/16" Tubing
T18	9/16" Double Hexagon Socket	RF64	For 1/2" Tubing
T20	5/8" Double Hexagon Socket	RF65	For 3/4" Tubing
T22	11/16" Double Hexagon Socket		
T35	Reversible Ratchet, 7" long		PLIERS
T36	Sliding "T" Handle, 8" long	B25	Long Nose Side Cutting, 6"
	DOUBLE OFFSET BOX WRENCHES	B27	Heavy Duty Slip Joint, 8"
2804	3/8" & 7/16" Short Type, Double Hexagon Opening	B34	Pump Plier, 9"
2805	1/2" & 9/16" Short Type, Double Hexagon Opening		SCREW DRIVERS
2806C	5/8" & 11/16" Short Type, Double Hexagon Opening	001	Pocket Size, Composition Handle, 2" blade
	COMBINATION (TU-TYPE) WRENCHES	003	Electricians', Composition Handle, 3" blade
1160	3/8" Openings	04	Round Shank, Composition Handle, 4" blade
1161	7/16" Openings	06	Round Shank, Composition Handle, 6" blade
1162	1/2" Openings	CP2	For Phillips Screws Nos. 5 to 9 inc.
1163	9/16" Openings	CP3	For Phillips Screws Nos. 10 to 16 inc.
1164	5/8" Openings		MISCELLANEOUS
	RIGHT ANGLE WRENCHES	RF46	Flaring Tool for 1/4", 5/16", 3/8", 1/2", 3/4" tubing
2723	3/8" & 7/16" Openings	RF54	Flare Nut Wrench, 3/4" & 1" openings
2725B	1/2" & 9/16" Openings	RF55	Flare Nut Wrench, 1/4" & 1 1/8" openings
2729	3/8" & 3/4" Openings	RF59	Tube Cutter for tubing from 1/8" to 1" O. D.
2732A	3/4" & 1" Openings	K6	Handy Holding Tool, 6" reach
2734	7/8" & 1 1/8" Openings	2627	Hack Saw Frame, takes 6" x 1/4" blade
		PH5	Ball Pein Hammer, 1/2 lb. Head
		199	Shop Knife
			Net Weight 25 lbs.



REFRIGERATION TOOLS



MB16

No. RF80 Set • 20 Pieces

A new, up-to-the-minute, pocket size kit of refrigeration sockets and ratchet for use on practically any repairs requiring tools of this type. Made of selected steels and heavily plated. RF80B is packed in metal box MB16, 7 $\frac{1}{2}$ " x 3 $\frac{1}{4}$ " x 1 $\frac{1}{8}$ ", RF80 in cardboard box.

No.	Description	No.	Description
V8	$\frac{1}{4}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF4	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)
V9	$\frac{9}{32}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF5	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)
V10	$\frac{5}{16}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF6	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V11	$\frac{11}{32}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF16	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V12	$\frac{3}{8}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF71	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V14	$\frac{7}{16}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF72	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V17	Sliding "T" Handle, $\frac{4}{16}$ " long ($\frac{1}{4}$ " Square Drive)	RF73	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V18	Extension, 6" long ($\frac{1}{4}$ " Square Drive)	RF67	Kerotest Valve Packing Nut Socket
RF2	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)	RF49	$\frac{1}{4}$ " x $\frac{1}{4}$ " Adaptor
RF3	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)	RF45	Reversible Ratchet ($\frac{1}{4}$ " Sq. Ratchet Opening)

Net Weight 2 lbs., 2 ozs.



MB24

No. RF81 Set • 28 Pieces

Contains practically all of the sockets and attachments that the refrigeration service man will need on all ordinary jobs. RF81B is packed in metal box MB24, 8 $\frac{3}{8}$ " x 5 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ ", RF81 in a cardboard box.

No.	Description	No.	Description
V8	$\frac{1}{4}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF3	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)
V9	$\frac{9}{32}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF4	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)
V10	$\frac{5}{16}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF5	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)
V11	$\frac{11}{32}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF6	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V12	$\frac{3}{8}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF16	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V14	$\frac{7}{16}$ " Hexagon Socket ($\frac{1}{4}$ " Square Drive)	RF71	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V17	Sliding "T" Handle, $\frac{4}{16}$ " long ($\frac{1}{4}$ " Square Drive)	RF73	Packing Gland Nut Socket ($\frac{1}{4}$ " Male Drive)
V18	Extension, 6" long ($\frac{1}{4}$ " Square Drive)	RF67	Kerotest Valve Packing Nut Socket ($\frac{1}{4}$ " Male Drive)
T4	Extension, 6" long ($\frac{3}{8}$ " Square Drive)	RF49	$\frac{1}{4}$ " x $\frac{1}{4}$ " Adaptor
T16	$\frac{1}{2}$ " Dble. Hexagon Socket ($\frac{3}{8}$ " Square Drive)	RF41	$\frac{1}{4}$ " x $\frac{3}{8}$ " Adaptor
T18	$\frac{9}{16}$ " Dble. Hexagon Socket ($\frac{3}{8}$ " Square Drive)	RF45	Reversible Ratchet ($\frac{1}{4}$ " Square Ratchet Opening)
T30	$\frac{3}{8}$ " Dble. Hexagon Socket ($\frac{3}{8}$ " Square Drive)	2804	$\frac{3}{8}$ " & $\frac{7}{16}$ " Thin Wall Dbl. Hex. Box Wrench
T36	Sliding "T" Handle, 8" long ($\frac{3}{8}$ " Square Drive)	2805	$\frac{1}{2}$ " & $\frac{9}{16}$ " Thin Wall Dbl. Hex. Box Wrench
RF2	Valve Stem Socket ($\frac{1}{4}$ " Male Drive)	2806C	$\frac{3}{8}$ " & $\frac{11}{16}$ " Thin Wall Dbl. Hex. Box Wrench

Net Weight 4 lbs., 9 ozs.



"S" Type Flare Nut Wrenches

These wrenches are for those who prefer the open end to the box type wrench in making flare nut adjustments. They are drop-forged of selected steel, carefully heat-treated and have plated finish.

No.	Openings	S.A.E. Flare Size	Length
72A	$\frac{3}{4}$ & 1	$\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ & $\frac{7}{16}$, $\frac{1}{2}$	$\frac{5}{16}$
73A	$\frac{7}{8}$ & $1\frac{1}{8}$	$\frac{3}{8}$ & $\frac{5}{8}$	$\frac{6}{16}$



Switch Adjusting Wrench

Forged of Bonaloy Steel with plated finish, this wrench is designed especially for switch adjustments on the "W" line of Frigidaire cabinet up to and including 1933. This wrench is exceptionally thin for working in close quarters and has panelled handle. Openings are at 15° angle.

No.	Openings	Length	Thickness of Head
H18S	$\frac{7}{16}$ & $\frac{9}{16}$	4	$\frac{1}{8}$



Open End Wrench for Superior Packless Valve

A single head service wrench forged of Bonaloy Steel, chrome plated and with polished head designed especially to fit the hexagon on the auxiliary body of the Superior Diaphragm Packless Valve.

No.	Opening	Length	Thickness of Head
1964	2	$12\frac{1}{4}$	$\frac{5}{16}$

Right Angle Wrenches

Openings in the most necessary sizes for refrigeration service work. Drop-forged of Bonaloy Steel, fully chrome plated and with polished heads.



No.	Size Openings	Length	Thickness of Heads	Amer. Std. Reg. Bolts	Amer. Std. Reg. Nuts, Size Bolts	Amer. Std. Light Nuts (S.A.E.), Size Bolts
2723	$\frac{3}{8}$ & $\frac{7}{16}$	$4\frac{1}{4}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
2725B	$\frac{1}{2}$ & $\frac{9}{16}$	$5\frac{1}{2}$	$1\frac{5}{64}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$
2729	$\frac{5}{8}$ & $\frac{3}{4}$	$7\frac{1}{2}$	$\frac{5}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$
2732A	$\frac{3}{4}$ & 1	9	$\frac{3}{8}$	$\frac{1}{2}$, $\frac{7}{16}$ & $\frac{3}{8}$	.....	$\frac{1}{2}$
2734	$\frac{7}{8}$ & $1\frac{1}{8}$	9	$\frac{3}{8}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{1}{2}$	$\frac{9}{16}$



REFRIGERATION TOOLS

Special Refrigeration Tools

Bonney special refrigeration sockets have been designed to care for all applications where tools of this character are used. Each type is made in all the necessary sizes to service practically any refrigerator on the market.

Bonney special refrigeration sockets are made of selected steel, carefully heat-treated, plated and polished.

Packing Gland Nut Sockets



"T" Handle Type



1/4" Male Drive

No.	Prong Depth	Prong Width	Inside Diameter	Outside Diameter	Overall Length
RF17	1/8	7/64	21/64	15/32	2
RF18	1/8	7/64	21/64	9/16	2

Designed for use with No. RF22 and No. RF45 Ratchets or any Ratchet handle having 1/4" opening.

No.	Prong Depth	Prong Width	Inside Diameter	Outside Diameter	Overall Length
RF6	1/8	1/8	3/8	5/8	13/8
RF16	1/8	1/8	21/64	15/32	13/4
RF71	3/32	3/32	5/16	7/16	19/8
RF72	1/8	1/8	21/64	15/32	111/16
RF73	1/8	1/8	3/8	5/8	111/16

Kerotest Valve Packing Nut Socket



1/4" Male Drive

This socket has been specially designed for repairs and adjustments on Kerotest valves.

No.	Obround Opening		Outside Diameter	Length
	Length	Width		
RF67	1/2	3/8	5/8	19/16

Valve Stem Sockets



"T" Handle Type



1/4" Male Drive

No.	Size Square Opening	Outside Diameter		Length
		Nose	Shank	
RF10	3/16	27/64	1/2	17/8
RF11	7/32	27/64	1/2	17/8
RF12	1/4	1/2	1/2	17/8
RF13	5/16	9/16	9/16	17/8
RF14	3/8	5/8	3/8	17/8

For use with any Ratchet handle having 1/4" opening and Bonney Ratchets Nos. RF22 and RF45.

No.	Size Square Opening	Outside Diameter		Length
		Nose	Shank	
RF2	3/16	27/64	1/2	13/8
RF5	7/32	1/2	1/2	13/8
RF3	1/4	1/2	1/2	13/8
RF4	5/16	9/16	9/16	13/8
RF7	3/8	31/32	31/32	13/8

Ratchet Plug Adaptors



4216-17

For use with Nos. RF22 and RF45 Ratchets. Made of Bonaloy Steel, heat-treated and plated.

No.	Plug End	Drive End
RF49	1/4	1/4
RF40	1/4	9/32
RF41	1/4	3/8
4216	1/4	3/8
4217	3/8	1/4

REFRIGERATION TOOLS



Non-Reversible Type Ratchet



This type of ratchet, made with four different size ratchet openings, is forged of Bonaloy Steel with plated finish. The ratchet is fully enclosed to keep out all dust and dirt.

They are specially adapted to work on small refrigerant cylinders, shut-off and reducing valves, compressors, motors, etc.

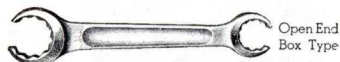
No.	Ratchet Opening Square	Handle Opening Square	Handle Opening Hexagon	Length
RF21	$\frac{3}{16}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{2}$	6
RF22	$\frac{1}{4}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{2}$	6
RF23	$\frac{5}{16}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{1}{2}$	6
RF25	$\frac{3}{8}$	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{2}$	6

No. RF45 Reversible Ratchet



This ratchet is primarily designed for refrigeration work. It has an easy action, is light in weight, has trim lines, is strong and can be instantly reversed by a touch of the thumb. The ratchet opening is $\frac{1}{4}$ " square, the openings in the handle are $\frac{3}{16}$ " and $\frac{1}{4}$ " square and $\frac{1}{2}$ " hexagon socket. The tool is drop forged and plated. Overall length 6".

Flare Nut Wrenches



These open end, box type wrenches have been designed especially for making flare nut adjustments. They are drop-forged of Bonaloy Steel, chromium plated with polished heads. They are long, thin and with panelled handles, permitting a firm, comfortable grip. Heads have double hexagon slotted openings.

No.	Openings	S.A.E. Flare Size	Length
RF54A	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ & $\frac{3}{8}$	8
RF54	$\frac{3}{4}$ & 1	$\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ & $\frac{7}{16}$, $\frac{1}{2}$	8
RF55A	$\frac{7}{8}$ & 1	$\frac{3}{8}$ & $\frac{1}{16}$, $\frac{1}{2}$	9 $\frac{1}{2}$
RF55	$\frac{7}{8}$ & $1\frac{1}{8}$	$\frac{3}{8}$ & $\frac{3}{8}$	9 $\frac{1}{2}$



Drop-forged of Bonaloy Steel these three wrenches are especially for copper tube fittings with $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ " and $\frac{1}{2}$ " hexagon. The wrenches are fully chrome-plated with polished heads, have panelled handles and double hexagon slotted openings.

No. 2618 is designed specially for the removal of the copper tubing flare nut on the back of the expansion valve on all Kelvinator models previous to the hermetically sealed units.

Heads are at 15° angles.

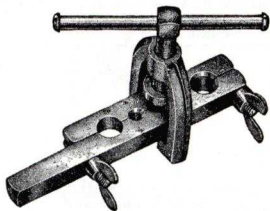
Double Hex. No.	Single Hex. No.	Openings	Length
2612	2612H	$\frac{3}{8}$ & $\frac{1}{2}$	4 $\frac{3}{4}$
2618	2618H	$\frac{7}{16}$ & $\frac{3}{16}$	5
2630	2630H	$\frac{5}{8}$ & $1\frac{1}{16}$	6



REFRIGERATION TOOLS

No. RF59 Tube Cutter

A compact, efficient tube cutter for all tubing from $\frac{1}{8}$ " to 1" O.D. Body is an alloy die casting. Wafer-tapered, hardened cutting blade makes cutting easy and with practically no burr. The slide-lock safety reamer opens instantly and protects the hands when not in use. It may be safely carried in your pocket. Net weight $\frac{1}{2}$ lb.



No. RF46 Flaring Tool

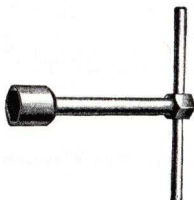
The Bonney RF46 flaring tool is made of Bonaloy Steel, carefully machined and heat treated to withstand hard usage. It is convenient to operate and accommodates all the common sizes of tubing.

Openings are for tubing sizes listed below:

$\frac{3}{16}$ " $\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ "

Socket Wrench for Fedders Needle Seat Assembly

This "T" handle socket wrench is drop-forged of selected steel, carefully heat-treated and has plated finish. It is designed especially for inserting and removing Fedders cartridge type needle seat assembly. Has single hexagon opening.



No.	Opening	Diameter of Head	Length
RF57	$\frac{7}{16}$	$1\frac{1}{32}$	$4\frac{1}{8}$



Bonney Tube Benders

External Type

Ideal for bending copper and other tubing by hand to any desired shape without collapsing the tube. Made of special, oil-hardened spring steel, cadmium plated. The belled end assures ease in removing the tubing after the bend has been made.

No.	For Size Tubing	Length
RF60	$\frac{1}{4}$	10
RF61	$\frac{5}{16}$	10
RF62	$\frac{3}{8}$	10
RF63	$\frac{7}{8}$	12
RF64	$\frac{1}{2}$	12
RF65	$\frac{3}{8}$	12

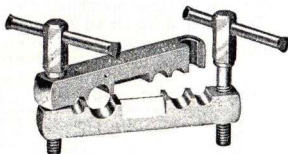
No. RF66 Tube Bender Set

Every service man should have a complete set of tube benders in his kit. The set consists of one each of the above sizes.

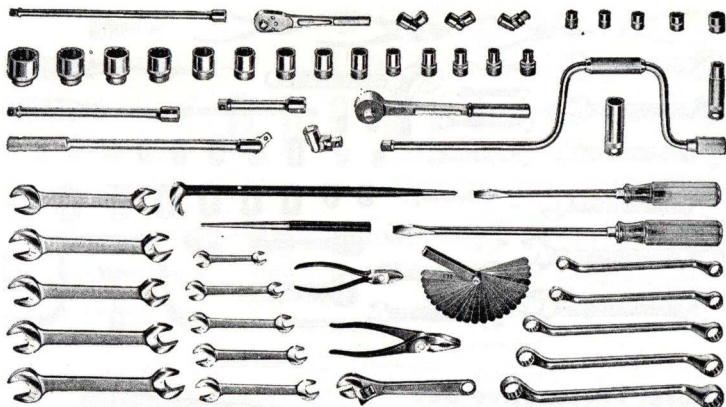
No. RF47 Pinch-Off Tool (Patent Pending)

The primary use of this tool is in refrigeration service work and is used to pinch off refrigeration tubing as well as restoring the tubing to correct shape and diameter after the service work has been completed.

The outstanding feature of this handy tool is the quick-operating freeing and locking action. This tool is made for use with $\frac{1}{4}$, $\frac{3}{16}$, $\frac{3}{8}$ and $\frac{1}{2}$ inch tubing.



INDUSTRIAL TOOLS



Diesel Locomotive Set No. DSL2B & DSL2 . Machinist

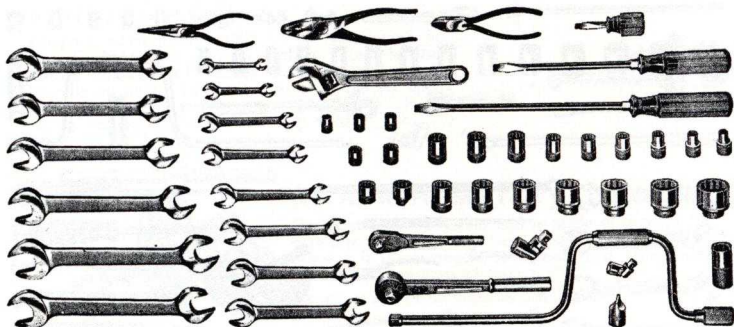
This is a well-rounded set, selected to fill the requirements of the Diesel Locomotive Machinist. Tools are top grade, real Bonney quality. The fifty-five tools listed below will meet practically every service job encountered. Set DSL2B is furnished in metal box MB60, 20 $\frac{1}{2}$ " x 8" x 5". DSL2 in cardboard box.



No.	Description	No.	Description
T12	$\frac{3}{8}$ " SQ. DR. SOCKETS & ATTACH.	4095	Universal Joint
T14	$\frac{3}{8}$ " Double Hexagon Socket	4096	Hinge Handle—15" long
T16	$\frac{7}{16}$ " Double Hexagon Socket	4098	Reversible Ratchet, 10" long
T18	$\frac{1}{2}$ " Double Hexagon Socket	DBL. OFFSET BOX WRENCH—DBL. HEX.	
T20	$\frac{9}{16}$ " Double Hexagon Socket	2805L	$\frac{1}{2}$ " x $\frac{9}{16}$ " long pattern
TU16	$\frac{7}{8}$ " Double Hexagon Socket	2806L	$\frac{9}{16}$ " x $\frac{5}{8}$ " long pattern
TU18	$\frac{1}{2}$ " Universal Socket—Dbl. Hexagon	2807A	$\frac{5}{8}$ " x $1\frac{1}{16}$ " long pattern
T3	$\frac{9}{16}$ " Universal Socket—Dbl. Hexagon	2808F	$\frac{3}{4}$ " x $1\frac{1}{16}$ " long pattern
T5	Universal Joint	2809	$\frac{7}{8}$ " x $1\frac{1}{16}$ " long pattern
T35	19" Extension	15" OPEN END WRENCHES	
	Reversible Ratchet—7" long	1723	$\frac{3}{8}$ " x $\frac{1}{16}$ " Openings
A12	$\frac{1}{2}$ " SQ. DRIVE SOCKETS & ATTACH.	1725	$\frac{7}{16}$ " x $\frac{1}{8}$ " Openings
A14	$\frac{3}{8}$ " Str. Wall Dbl. Hexagon Socket	1725B	$\frac{1}{2}$ " x $\frac{9}{16}$ " Openings
A16	$\frac{7}{16}$ " Str. Wall Dbl. Hexagon Socket	1727	$\frac{9}{16}$ " x $\frac{1}{8}$ " Openings
A18	$\frac{1}{2}$ " Str. Wall Dbl. Hexagon Socket	1027A	$\frac{3}{8}$ " x $1\frac{1}{16}$ " Openings
A20	$\frac{9}{16}$ " Str. Wall Dbl. Hexagon Socket	1029B	$\frac{11}{16}$ " x $\frac{3}{4}$ " Openings
A22	$\frac{7}{8}$ " Str. Wall Dbl. Hexagon Socket	1731	$\frac{3}{8}$ " x $1\frac{1}{16}$ " Openings
A24	$\frac{11}{16}$ " Str. Wall Dbl. Hexagon Socket	1731B	$\frac{13}{16}$ " x $\frac{7}{8}$ " Openings
A26	$\frac{3}{4}$ " Str. Wall Dbl. Hexagon Socket	1033A	$\frac{1}{2}$ " x $1\frac{1}{16}$ " Openings
A28	$\frac{13}{16}$ " Str. Wall Dbl. Hexagon Socket	1033C	$\frac{15}{16}$ " x 1" Openings
A30	$\frac{15}{16}$ " Str. Wall Dbl. Hexagon Socket	BW8	8" Adjustable Wrench
A32	$\frac{15}{16}$ " Str. Wall Dbl. Hexagon Socket		PLIERS
A34	1" Str. Wall Dbl. Hexagon Socket	B17	6" Diagonal Cutting Plier
A36	$1\frac{1}{8}$ " Str. Wall Dbl. Hexagon Socket	B26	7" Mech. Slip Joint Cutting Plier
A40	$1\frac{1}{4}$ " Str. Wall Dbl. Hexagon Socket		SCREW DRIVERS
LD16	$\frac{1}{2}$ " Ext. Dp. Dbl. Hexagon Socket	08	8" Screw Driver
LD24	$\frac{3}{4}$ " Ext. Dp. Dbl. Hexagon Socket	012	12" Screw Driver
4085	Speeder—19 $\frac{3}{4}$ " long	C26	Taper Punch, $\frac{3}{16}$ " Tip, 9" long
4090	5" Extension	C39	Pry Bar
4091X	10" Extension	K53	Universal Master Feeler Gauge



INDUSTRIAL TOOLS



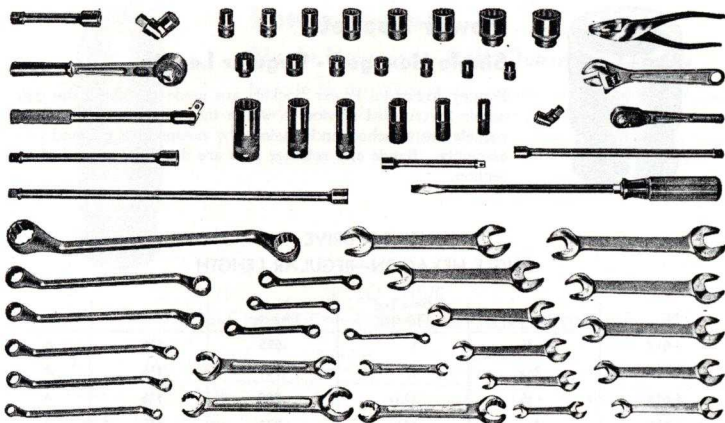
Diesel Locomotive Set No. DSL3B & DSL3 . Electrician

This Diesel Locomotive Electrician's set contains fifty-one essential tools for this specialized service work. Wrenches and sockets are Bonaloy special alloy steel, chromium plated. The set includes the new and popular 4080 half-inch drive planetary ratchet. Set DSL3B is furnished in metal box MB60, 20 $\frac{1}{2}$ " x 8" x 5". DSL3 in cardboard box.



No.	Description	No.	Description
	$\frac{3}{8}$" SQ. DRIVE SOCKETS & ATTACH.	4001	Screwdriver Sock. Attach.—.150 x 1 $\frac{1}{16}$ " Bld
T12	$\frac{3}{8}$ " Double Hexagon Socket	4085	Speeder—19 $\frac{3}{4}$ " long
T14	$\frac{7}{16}$ " Double Hexagon Socket	4095	Universal Joint
T16	$\frac{1}{2}$ " Double Hexagon Socket	4098	$\frac{1}{2}$ " Drive Reversible Ratchet—10" long
T18	$\frac{9}{16}$ " Double Hexagon Socket		15° OPEN END WRENCHES
T20	$\frac{5}{8}$ " Double Hexagon Socket	1721	$\frac{5}{8}$ " x $\frac{3}{16}$ " Openings
T22	$\frac{11}{16}$ " Double Hexagon Socket	1723	$\frac{3}{4}$ " x $\frac{7}{16}$ " Openings
T24	$\frac{3}{4}$ " Double Hexagon Socket	1725	$\frac{7}{16}$ " x $\frac{1}{8}$ " Openings
LT36	$\frac{13}{16}$ " Dbl. Hexagon Socket—Extra Deep	1725B	$\frac{1}{2}$ " x $\frac{9}{16}$ " Openings
T3	Universal Joint	1727	$\frac{9}{16}$ " x $\frac{5}{8}$ " Openings
T35	Reversible Ratchet—7" long	1028	19 $\frac{32}{32}$ " x 25 $\frac{42}{32}$ " Openings
	$\frac{1}{2}$" SQUARE DRIVE SOCKETS	1027A	$\frac{3}{8}$ " x 1 $\frac{1}{16}$ " Openings
A12	$\frac{3}{8}$ " Str. Wall Double Hexagon Socket	1029B	11 $\frac{16}{16}$ " x $\frac{3}{4}$ " Openings
A14	$\frac{7}{16}$ " Str. Wall Double Hexagon Socket	1731	$\frac{3}{4}$ " x 1 $\frac{1}{16}$ " Openings
A16	$\frac{1}{2}$ " Str. Wall Double Hexagon Socket	1731B	13 $\frac{16}{16}$ " x $\frac{7}{8}$ " Openings
A18	$\frac{9}{16}$ " Str. Wall Double Hexagon Socket	1033A	$\frac{5}{8}$ " x 1 $\frac{1}{16}$ " Openings
A19	19 $\frac{32}{32}$ " Str. Wall Double Hexagon Socket	1033C	15 $\frac{16}{16}$ " x 1" Openings
A20	19 $\frac{32}{32}$ " Str. Wall Double Hexagon Socket	1735	1" x 1 $\frac{1}{16}$ " Openings
A22	11 $\frac{16}{16}$ " Str. Wall Double Hexagon Socket	1037	1 $\frac{1}{16}$ " x 1 $\frac{1}{16}$ " Openings
A24	3 $\frac{1}{16}$ " Str. Wall Double Hexagon Socket	BW10	10" Adjustable Wrench
A25	25 $\frac{32}{32}$ " Str. Wall Double Hexagon Socket		PLIERS
A26	13 $\frac{16}{16}$ " Str. Wall Double Hexagon Socket	B17	6" Diagonal Cutting Plier
A28	$\frac{7}{8}$ " Str. Wall Double Hexagon Socket	B25	6" Long Nose Side Cutting Plier
A30	15 $\frac{16}{16}$ " Str. Wall Double Hexagon Socket	B26	7" Mechanic Slip Joint Cutting Plier
A32	1" Str. Wall Double Hexagon Socket		SCREW DRIVERS
A34	1 $\frac{1}{16}$ " Str. Wall Double Hexagon Socket	08	8" Screw Driver
A36	1 $\frac{1}{8}$ " Str. Wall Double Hexagon Socket	012	12" Screw Driver
A40	1 $\frac{1}{4}$ " Str. Wall Double Hexagon Socket	501	1 $\frac{3}{4}$ " Adjusting Screw Driver

INDUSTRIAL TOOLS



Diesel Locomotive Set

No. DSL4B & DSL4 . Pipefitter

This special selection of Diesel Pipefitter's tools includes all the necessary box end, open end and flare nut wrenches. All of the most necessary tools are included. Set DSL4B is furnished in metal box MB60, 20½" x 8" x 5" DSL4 in cardboard box.



MB60

No.	Description	No.	Description
T12	¾" SQ. DRIVE SOCKETS & ATTACH.	2804	DOUBLE OFFSET BOX WRENCHES
T14	¾" Double Hexagon Socket	2805A	¾" x 7/16" Short Pattern
T16	7/16" Double Hexagon Socket	2805	7/16" x 1/2" Short Pattern
T18	9/16" Double Hexagon Socket	2806	1/2" x 9/16" Short Pattern
T20	5/8" Double Hexagon Socket	2806L	9/16" x 5/8" Short Pattern
T22	11/16" Double Hexagon Socket	2804L	3/8" x 7/16" Long Pattern
T24	¾" Double Hexagon Socket	2805L	1/2" x 9/16" Long Pattern
LT16	1/2" Dbl. Hexagon Socket—Extra Deep	2806L	9/16" x 5/8" Long Pattern
LT30	5/8" Dbl. Hexagon Socket—Extra Deep	2807A	5/8" x 1 1/16" Long Pattern
LT24	¾" Dbl. Hexagon Socket—Extra Deep	2808F	¾" x 1 1/16" Long Pattern
T3	Universal Joint	2812B	¾" x 1 1/16" Long Pattern
T4	6" Extension	15° OPEN END WRENCHES	
T5	12" Extension	1723	3/8" x 7/16" Openings
T35	Reversible Ratchet—7" long	1725	7/16" x 1/2" Openings
A16	1½" SQ. DRIVE SOCKET & ATTACH.	1725B	1/2" x 9/16" Openings
A18	9/16" Str. Wall Double Hexagon Socket	1727	9/16" x 5/8" Openings
A20	5/8" Str. Wall Double Hexagon Socket	1028	19/32" x 25/32" Openings
A22	11/16" Str. Wall Double Hexagon Socket	1027A	5/8" x 1 1/16" Openings
A24	¾" Str. Wall Double Hexagon Socket	1029B	11/16" x 3/4" Openings
A28	5/8" Str. Wall Double Hexagon Socket	1731	3/4" x 13/16" Openings
A34	11/16" Str. Wall Double Hexagon Socket	1731B	13/16" x 7/8" Openings
A36	1½" Str. Wall Double Hexagon Socket	1033A	7/8" x 1 5/16" Openings
LD24	¾" Extra Deep Double Hexagon Socket	1033C	15/16" x 1" Openings
LD28	5/8" Extra Deep Double Hexagon Socket	2618	FLARE NUT WRENCHES
LD36	11/16" Extra Deep Double Hexagon Socket	2630	1/16" x 9/16" Openings
4090	5" Extension	RF54	3/8" x 1 1/16" Openings
4091A	20" Extension	RF55	7/8" x 1 1/8" Openings
4091X	10" Extension	BW8	8" Adjustable End Wrench
4095	Universal Joint	B26	PLIERS
4096A	Hinge Handle—11" long	O12	7" Mechanic Slip Joint Cutting Plier
4098	Reversible Ratchet—10" long		12" Screw Driver



INDUSTRIAL TOOLS



Power Sockets

Single Hexagon • Regular Length

Bonney Industrial Power Sockets are made to "stand the gaff" under the rugged service to which they are subjected. These sockets are attached and retained by means of a pin and band assembly. Bands and retainer pins are listed on page 7 of this section.

$\frac{1}{2}$ " SQ. DRIVE

SINGLE HEXAGON—REGULAR LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
4-612	$\frac{3}{8}$	1	.625	1 $\frac{1}{2}$	A
4-614	$\frac{7}{16}$	1	.707	1 $\frac{1}{2}$	A
4-616	$\frac{1}{2}$	1 $\frac{1}{16}$	.789	1 $\frac{1}{2}$	A
4-618	$\frac{9}{16}$	1 $\frac{1}{16}$	.871	1 $\frac{1}{2}$	A
4-620	$\frac{5}{8}$	1 $\frac{1}{8}$	.953	1 $\frac{1}{2}$	A
4-622	1 $\frac{1}{16}$	1 $\frac{1}{8}$	1.035	1 $\frac{1}{2}$	A
4-624	$\frac{3}{4}$	1 $\frac{1}{8}$	1.125	1 $\frac{1}{2}$	B
4-626	1 $\frac{3}{16}$	1 $\frac{1}{8}$	1.187	1 $\frac{1}{2}$	B
4-628	$\frac{7}{8}$	1 $\frac{1}{8}$	1.312	1 $\frac{5}{8}$	B
4-630	1 $\frac{5}{16}$	1 $\frac{5}{16}$	1.375	1 $\frac{3}{4}$	B
4-632	1	1 $\frac{5}{16}$	1.437	1 $\frac{3}{4}$	B

$\frac{3}{4}$ " SQ. DRIVE

SINGLE HEXAGON—REGULAR LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
6-624	$\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{3}{4}$	A
6-626	1 $\frac{3}{16}$	1 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{7}{8}$	A
6-628	$\frac{7}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{7}{8}$	A
6-630	1 $\frac{5}{16}$	1 $\frac{1}{2}$	1 $\frac{9}{16}$	1 $\frac{7}{8}$	B
6-632	1	1 $\frac{1}{2}$	1 $\frac{5}{8}$	2	B
6-634	1 $\frac{1}{16}$	1 $\frac{1}{2}$	1 $\frac{11}{16}$	2	B
6-636	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{8}$	B
6-640	1 $\frac{1}{4}$	1 $\frac{3}{4}$	2	2 $\frac{1}{8}$	B
6-642	1 $\frac{5}{16}$	1 $\frac{3}{4}$	2 $\frac{1}{16}$	2 $\frac{1}{4}$	B
6-646	1 $\frac{7}{16}$	1 $\frac{3}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	B
6-648	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{5}{16}$	2 $\frac{3}{8}$	B



Power Sockets

Single Hexagon • Bolt Clearance Length

Made to fill the "all-purpose" requirements of general industrial service where bolts may run longer than normal depth of the nut. Pins and bands for attaching these sockets are listed on page 7 of this section.

1/2" SQ. DRIVE

SINGLE HEXAGON—BOLT CLEARANCE LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
14-612	3/8	1	.625	3 1/4	A
14-614	7/16	1	.707	3 1/4	A
14-616	1/2	1 1/16	.789	3 1/4	A
14-618	9/16	1 1/16	.871	3 1/4	A
14-620	5/8	1 1/8	.953	3 1/4	A
14-622	11/16	1 1/8	1.035	3 1/4	A
14-624	3/4	1 1/8	1.125	3 1/4	B
14-626	13/16	1 1/8	1.187	3 1/4	B
14-628	7/8	1 1/8	1.312	3 1/2	B
14-630	15/16	1 5/16	1.375	3 1/2	B
14-632	1	1 5/16	1.437	3 1/2	B

3/4" SQ. DRIVE

SINGLE HEXAGON—BOLT CLEARANCE LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
16-624	3/4	1 1/2	1 1/4	3 1/4	A
16-626	13/16	1 1/2	1 3/8	3 1/4	A
16-628	7/8	1 1/2	1 1/2	3 1/2	A
16-630	15/16	1 1/2	1 9/16	3 1/2	B
16-632	1	1 1/2	1 5/8	3 1/2	B
16-634	1 1/16	1 1/2	1 11/16	3 1/2	B
16-636	1 1/8	1 1/2	1 3/4	3 1/2	B
16-640	1 1/4	1 3/4	2	3 1/2	B
16-642	1 5/16	1 3/4	2 1/16	3 1/2	B
16-646	1 7/16	1 3/4	2 1/4	3 1/2	B



INDUSTRIAL TOOLS



Power Sockets

Double Square • Regular Length

Bonney Double Square Power Sockets are precision broached. Made from selected alloy, specially heat treated steel for heavy industrial service. Neoprene bands and retainer pins for attaching these sockets are listed on page 7 of this section.

1/2" SQ. DRIVE DOUBLE SQUARE—REGULAR LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
4-812	3/8	1	.750	1 1/2	A
4-814	7/16	1	.843	1 1/2	A
4-816	1/2	1 1/16	.937	1 1/2	A
4-818	9/16	1 1/16	1.031	1 1/2	A
4-820	5/8	1 1/8	1.125	1 1/2	B
4-822	1 1/16	1 1/8	1.250	1 1/2	B
4-824	3/4	1 5/16	1.312	1 1/2	B
4-826	13/16	1 5/16	1.437	1 5/8	B
4-828	7/8	1 5/16	1.562	1 5/8	B
4-830	15/16	1 5/16	1.625	1 3/4	B
4-832	1	1 5/16	1.750	1 3/4	B

3/4" SQ. DRIVE SINGLE SQUARE—REGULAR LENGTH

No.	Opening	Drive End Diameter	Nose Diameter	Length	Type
6-426	1 3/16	1 1/2	1 5/8	1 7/8	B

1/2" Sq. Drive—Extensions



No.	Length	Female Square	Male Square
4-105	5	1/2	1/2
4-110	10	1/2	1/2

3/4" Sq. Drive—Extensions

No.	Length	Female Square	Male Square
6-107	7	3/4	3/4
6-110	10	3/4	3/4

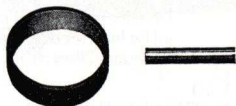
Adaptor—5/8" Square Female to 1/2" Sq. Male



No.	Length	Female Square	Male Square
5-40	1 3/16	5/8	1/2

Neoprene Bands & Retainer Pins

Packed 24 to a package

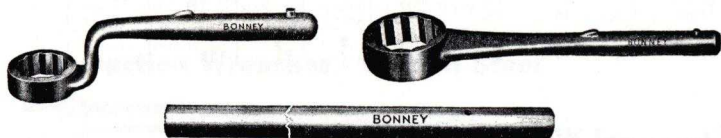


The pin-holding bands listed below are of a special neoprene composition, assuring a longer life of resiliency because of their greater resistance to grease and oil.

Retainer pins are accurately sized for each application.

Sq. Drive	Socket & Extension No.	Neoprene Bands		Retainer Pins		
		Type	Inside Diameter	Type	Diameter	Length
1/2	4-612 thru 4-628	A	7/8	A	3/16	7/8
	4-630 thru 4-632	B	1 1/8	B	3/16	1 1/8
	14-612 thru 14-628	A	7/8	A	3/16	7/8
	14-630 thru 14-632	B	1 1/8	B	3/16	1 1/8
	4-812 thru 4-822	A	7/8	A	3/16	7/8
	4-824 thru 4-832	B	1 1/8	B	3/16	1 1/8
	4-105 & 4-110	A	7/8	A	3/16	7/8
3/4	6-624 thru 6-636	C	1 1/8	B	3/16	1 1/8
	6-640 thru 6-648	D	1 1/8	C	3/16	1 1/8
	16-624 thru 16-636	C	1 1/8	B	3/16	1 1/8
	16-640 thru 16-646	D	1 1/8	C	3/16	1 1/8
	6-426	C	1 1/8	B	3/16	1 1/8
	6-107 & 6-110	C	1 1/8	C	3/16	1 1/2

Bonney Heavy Duty Box Wrenches



Bonney Heavy Duty Box Wrenches with double hexagon openings are designed for breaking loose or tightening large diameter nuts with a minimum of effort. They will be found especially useful for work on trucks, buses, tractors, steam shovels, industrial machinery, road machinery, etc.

Drop-forged of chrome-alloy steel, they are carefully heat treated to insure the ultimate strength of the steel, and are heavily plated. All have highly polished heads. A positive locking device holds the wrenches firmly in the interchangeable handle designed to give extra leverage for turning the "toughest" nut.

Straight Type No.	Double Offset No.	Opening	Head Thickness	Shank Dia.	Use Handle No.	Regular Series		Heavy Series	Light Series	Cap Screws
						Bolt No.	Nut Size	Bolt & Nut Size	Nut Size	
BS34	B034	1 1/16	1 1/16	7/8	BH28	.....	.....	5/8	3/4	.....
BS40	B040	1 1/4	1 1/16	7/8	BH28	.....	.....	3/4	7/8	.....
BS44	B044	1 3/8	1 1/16	7/8	BH28	.....	.....	7/8	1	.....
BS46	B046	1 7/8	1 3/16	7/8	BH28	.....	.....	1	1 1/8	.....
BS48	B048	1 1/2	1 3/16	7/8	BH28	1	1	1 1/8	1 1/4	1 1/8
BS52	B052	1 5/8	1	1	BH32	.....	.....	1 1/4	1 3/8	.....
BS58	B058	1 13/16	1 1/16	1	BH32	.....	.....	1 3/8	1 3/8	.....
BS60	B060	1 7/8	1 1/16	1	BH32	1 1/4	1 1/4	1 3/8	1 3/8	.....
BS64	B064	2	1 1/8	1	BH32	.....	.....	1 3/8	1 3/8	.....
BS72	B072	2 1/4	1 1/4	1	BH32	1 1/2	1 1/2	1 3/8	1 3/8	.....

Handle No.	Length	Inside Diameter	Outside Diameter	For Wrenches
BH28	24	7/8	1 1/8	# BS34 to BS48 & # B034 to B048
BH32	30	1	1 1/4	# BS52 to BS72 & # B052 to B072



INDUSTRIAL TOOLS

Striking Face Box Wrenches • Alloy Steel



Drop-forged and heat-treated for hard service. Double Hexagon Offset Head..

No.	Opening	Length	Head		Regular Series		Heavy Series	Light Series	Cap Screws
			Thickness	Outside Diameter	Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
8807	1 ¹ / ₁₆	10 ¹ / ₂	1 ³ / ₁₆	1 ²⁷ / ₃₂					
8807A	1 ¹ / ₈	10 ¹ / ₂	1 ³ / ₁₆	1 ²⁷ / ₃₂					
8808	1 ¹ / ₄	11	7 ⁷ / ₈	2 ³ / ₃₂	3 ⁴ / ₈	3 ⁴ / ₈	3 ⁴ / ₈	3 ⁴ / ₈	7 ⁷ / ₈
8808A	1 ⁵ / ₁₆	11	7 ⁷ / ₈	2 ³ / ₃₂	7 ⁷ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	1
8809	1 ⁷ / ₁₆	11 ¹ / ₂	1	2 ³ / ₈			7 ⁷ / ₈	1	
8809A	1 ¹ / ₂	11 ¹ / ₂	1	2 ³ / ₈	1	1			1 ¹ / ₈
8810	1 ⁹ / ₈	12	1 ¹ / ₁₆	2 ³ / ₈			1	1 ¹ / ₈	
8810A	1 ¹¹ / ₁₆	12	1 ¹ / ₁₆	2 ³ / ₈	1 ¹ / ₈	1 ¹ / ₈			1 ¹ / ₄
8811	1 ¹³ / ₁₆	12 ¹ / ₂	1 ¹ / ₈	2 ²⁹ / ₃₂			1 ¹ / ₈	1 ¹ / ₄	
8811A	1 ⁷ / ₈	12 ¹ / ₂	1 ¹ / ₈	2 ²⁹ / ₃₂	1 ¹ / ₄	1 ¹ / ₄			
8812	2	13	1 ¹ / ₄	3 ⁵ / ₃₂			1 ¹ / ₄	1 ³ / ₈	
8813	2 ³ / ₁₆	13 ¹ / ₂	1 ³ / ₈	3 ¹¹ / ₃₂			1 ³ / ₈	1 ¹ / ₂	
8813A	2 ¹ / ₄	13 ¹ / ₂	1 ³ / ₈	3 ¹¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂			
8814	2 ³ / ₈	14	1 ¹ / ₂	3 ²³ / ₃₂			1 ¹ / ₂		
8815	2 ⁹ / ₁₆	14 ¹ / ₂	1 ⁵ / ₈	3 ²⁹ / ₃₂			1 ⁵ / ₈		
8815A	2 ⁵ / ₈	14 ¹ / ₂	1 ⁵ / ₈	3 ²⁹ / ₃₂	1 ³ / ₄	1 ³ / ₄			
8816	2 ³ / ₄	15	1 ³ / ₄	4 ⁵ / ₃₂			1 ³ / ₄		
8816B	2 ¹³ / ₁₆	16	1 ⁷ / ₈	4 ²¹ / ₃₂			1 ⁷ / ₈		
8817A	3	16 ¹ / ₂	2	4 ¹⁵ / ₁₆	2	2			
8817	3 ¹ / ₈	16 ¹ / ₂	2	4 ¹⁵ / ₁₆			2		

Structural Wrenches • Alloy Steel



Drop-forged and heat-treated. Double Hexagon Offset for bolt clearance.

No.	Opening	Length	Head Thickness	Regular Series		Heavy Series	Light Series	Cap Screws
				Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
8907	1 ¹ / ₁₆	15	1 ³ / ₁₆					
8907A	1 ¹ / ₈	15	1 ³ / ₁₆					
8908	1 ¹ / ₄	17	7 ⁷ / ₈	3 ⁴ / ₈	3 ⁴ / ₈	3 ⁴ / ₈	3 ⁴ / ₈	7 ⁷ / ₈
8908A	1 ⁵ / ₁₆	17	7 ⁷ / ₈	7 ⁷ / ₈	7 ⁷ / ₈			1
8909	1 ⁷ / ₁₆	21	1			7 ⁷ / ₈	1	
8909A	1 ¹ / ₂	21	1	1	1			1 ¹ / ₈
8910	1 ⁹ / ₈	22	1 ¹ / ₁₆			1	1 ¹ / ₈	
8910A	1 ¹¹ / ₁₆	22	1 ¹ / ₁₆	1 ¹ / ₈	1 ¹ / ₈			1 ¹ / ₄
8911	1 ¹³ / ₁₆	23	1 ¹ / ₈			1 ¹ / ₈	1 ¹ / ₄	
8911A	1 ⁷ / ₈	23	1 ¹ / ₈	1 ¹ / ₄	1 ¹ / ₄			
8912	2	24 ¹ / ₂	1 ¹ / ₄			1 ¹ / ₄	1 ³ / ₈	
8913	2 ³ / ₁₆	26	1 ³ / ₈			1 ³ / ₈	1 ¹ / ₂	
8914	2 ³ / ₈	28	1 ¹ / ₂			1 ¹ / ₂		
8915	2 ⁹ / ₁₆	30	1 ⁵ / ₈			1 ⁵ / ₈		
8916	2 ³ / ₄	30	1 ³ / ₄			1 ³ / ₄		

INDUSTRIAL TOOLS



Structural Wrenches • Carbon Steel



Shot-blasted finish, heads not bright. Straight Opening and Offset Head.

No.	Opening	Length	Head Thickness	Handle Offset at Head	Approx. Weight Lbs.	Regular Series		Heavy Series	Light Series	Cap Screw
						Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
901A	7/16	9 1/2	11/32	9/16	1 1/2		1/4		1/4	1/4
901	1/2	9 1/2	11/32	9/16	1 1/2	5/16		1/4	5/16	5/16
901B	9/16	9 1/2	11/32	9/16	1 1/2	3/8	5/16		3/8	3/8
902	19/32	9 1/2	11/32	9/16	1 1/2			5/16		
903A	5/8	12	7/16	3/4	3/4	7/16	3/8		7/16	7/16
903	11/16	12	7/16	3/4	3/4			3/8		
904A	3/4	12	7/16	3/4	3/4	1/2	7/16		1/2	1/2
904	23/32	12	7/16	3/4	3/4			7/16		
905A	13/16	14 1/2	17/32	7/8	1 1/4		1/2			9/16
905	7/8	14 1/2	17/32	7/8	1 1/4	9/16	9/16	1/2	9/16	9/16
906	15/16	14 1/2	17/32	7/8	1 1/4			9/16		
906B	1	14 1/2	17/32	7/8	1 1/4		3/8			3/4
907	1 1/16	17	5/8	1	2			3/8	3/4	
907A	1 1/8	17	5/8	1	2	3/4	3/4			7/8
908	1 1/4	19	11/16	1 1/8	3 1/4			3/4	7/8	1
908A	1 5/16	19	11/16	1 1/8	3 1/4	7/8	7/8			
909	1 7/16	21	3/4	1 1/4	4 1/4			7/8	1	1 1/8
909A	1 1/2	21	3/4	1 1/4	4 1/4	1	1			
910	1 5/8	23	13/16	1 7/16	5 7/8			1	1 1/8	1 1/4
910A	1 11/16	23	13/16	1 7/16	5 7/8	1 1/8	1 1/8			
911	1 13/16	25	7/8	1 5/8	7 1/2			1 1/8	1 1/4	
911A	1 7/8	25	7/8	1 5/8	7 1/2	1 1/4	1 1/4			
912	2	25	7/8	1 5/8	7 1/2			1 1/4	1 3/8	

Construction Wrenches • Carbon Steel



Shot-blasted finish, heads not bright.

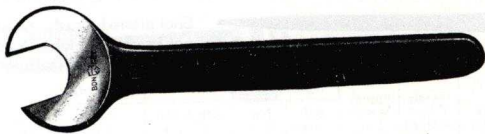
15° Angle

No.	Opening	Length	Head Thickness	Approx. Weight Lbs.	Regular Series		Heavy Series	Light Series	Cap Screws
					Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
201A	7/16	8	3/8	3/4		1/4		1/4	1/4
201	1/2	8	3/8	1 1/2	5/16		1/4	5/16	5/16
201B	9/16	8	3/8	1 1/2	3/8	5/16		3/8	3/8
202	19/32	8	3/8	1 1/2			5/16		
203A	5/8	12	7/16	1 1/2	7/16	3/8		7/16	7/16
203	11/16	12	7/16	1 1/2			3/8		
204A	3/4	12	7/16	1 1/2	1/2	7/16		1/2	1/2
204	23/32	12	7/16	1 1/2			7/16		
205A	13/16	14 1/2	17/32	1		1/2			9/16
205	7/8	14 1/2	17/32	1	9/16	9/16	1/2	9/16	9/16
206	15/16	14 1/2	17/32	1			9/16		
206B	1	14 1/2	17/32	1		3/8			3/4
207	1 1/16	17	5/8	1 3/4			3/8	3/4	
207A	1 1/8	17	5/8	1 3/4	3/4	3/4			7/8
208	1 1/4	19	11/16	2 3/8			3/4	7/8	1
208A	1 5/16	19	11/16	2 3/8	7/8	7/8			
209	1 7/16	21	3/4	3 1/2			7/8	1	1 1/8
209A	1 1/2	21	3/4	3 1/2	1	1			
210	1 5/8	23	27/32	5 1/8			1	1 1/8	1 1/4
210A	1 11/16	23	27/32	5 1/8	1 1/8	1 1/8			
211	1 13/16	25	15/16	7 1/2			1 1/8	1 1/4	
211A	1 7/8	25	15/16	7 1/2	1 1/4	1 1/4			
212	2	25	15/16	7 1/2			1 1/4	1 3/8	



INDUSTRIAL TOOLS

Single Head Open End Wrenches • Carbon Steel

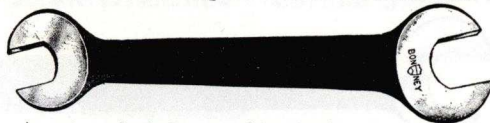


Finished in black enamel,
bright heads
15° angle

No.	Opening	Length	Head Thickness	Approx. Wt. Lbs.	Regular Series		Heavy Series	Light Series	Cap Screws
					Bolt Size	Nut Size	Bolt, Nut Size	Nut Size	
000A	3/16	3 1/2	7/32	1/16		# 2 & 3 Mach. Scr.			
000	1/4	3 1/2	7/32	1/16		# 4 Mach. Screw			
00	5/16	3 1/2	7/32	1/16		# 5 & 6 Mach. Scr.			
700	3/8	4	1/4	1/2	1/4	# 10 Mach. Screw			
0	1 1/32	4	1/4	1/2					
701	7/16	4 5/8	5/16	1/8		# 12 Mach. Scr. 1/4		1/4	1/4
1	1/2	4 5/8	5/16	1/8	5/16		1/4	3/8	3/8
702	9/16	5 1/2	3/8	1/4	3/8	5/16	5/16		
2	1 1/32	5 1/2	3/8	1/4					
703	5/8	6 3/8	7/16	1/2	7/16	3/8	3/8	7/16	7/16
3	1 1/16	6 3/8	7/16	1/2					
704	3/4	7 1/4	7/16	1/2	1/2	7/16	7/16	1/2	1/2
4	2 1/32	7 1/4	7/16	1/2					
705	13/16	8 1/8	1/2	2/3		1/2	1/2	9/16	9/16
5	7/8	8 1/8	1/2	2/3	9/16	9/16	1/2	3/8	3/8
6	1 5/16	9 1/4	9/16	1	5/8	5/8	9/16	3/8	3/4
706	1	9 1/4	9/16	1					
7	1 1/16	10 1/2	5/8	1 1/4		3/4	3/8	3/4	3/8
707	1 1/8	10 1/2	5/8	1 1/4	3/4				
8	1 1/4	12	3/4	1 3/4		7/8	3/4	3/8	1
8A	1 5/16	12	3/4	1 3/4					
708A	1 3/8	12	3/4	1 3/4					
9	1 7/16	13 1/2	7/8	2		1	3/8	1	1 1/8
709	1 1/2	13 1/2	7/8	2	1				
10	1 5/8	15	7/8	4		1 1/8	1	1 1/8	1 1/4
10A	1 11/16	15	7/8	4	1 1/8	1 1/8			
11	1 13/16	16 1/2	1 5/16	4		1 1/4	1 1/8	1 1/4	
11A	1 7/8	16 1/2	1 5/16	4	1 1/4				
12	2	18 1/4	1	7		1 3/8	1 1/4	1 3/8	
12A	2 1/16	18 1/4	1	7	1 3/8	1 3/8			
13	2 3/16	20	1 1/16	9		1 1/2	1 3/8	1 1/2	
13A	2 1/4	20	1 1/16	9	1 1/2	1 1/2			
14	2 3/8	22	1 1/16	11		1 5/8	1 1/2		
14A	2 7/16	22	1 1/16	11	1 5/8	1 5/8			
15	2 5/16	24	1 1/8	12 1/2		1 3/4	1 5/8		
15A	2 3/8	24	1 1/8	12 1/2	1 3/4	1 3/4			
16	2 3/4	27	1 1/4	17		1 7/8	1 3/4		
16B	2 13/16	27	1 1/4	17	1 7/8	1 7/8			
16A	2 15/16	27	1 1/4	17			1 7/8		
17A	3	30	1 3/8	20		2			
17	3 1/8	30	1 3/8	20	2	2	2		
18A	3 3/8	34	1 7/16	30		2 1/4			
18	3 1/2	34	1 7/16	30	2 1/4	2 1/4	2 1/4		
19B	3 3/4	38	1 7/8	38		2 1/2			
19	3 7/8	38	1 7/8	38	2 1/2	2 1/2	2 1/2		
19C	4 1/8	38	1 7/8	38	2 3/4	2 3/4			
19A	4 1/4	38	1 7/8	38			2 3/4		
20B	4 1/2	42	2	54		3			
20	4 5/8	42	2	54	3	3	3		
20A	5	42	2	54			3 1/4		

Carbon Steel • Double Head Open End Wrenches

Finished in black enamel,
bright heads.
15° angle

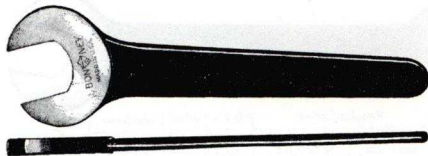


No.	Openings	Length	Head Thickness	App. Wt. Lbs.	Regular Series		Heavy Series	Light Series	Cap Screws
					Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
721	5/16 & 3/8	3 3/4	1 5/64	1 1/8	1/4	# 5, 6 & 10 Mach. Scr.			
723	3/8 & 7/16	4 1/4	9/32	3 1/8	1/4	# 10 & 12 Mach. Scr. 1/4		1/4	1/4
725	7/16 & 1/2	5	3/8	1/4	5/16	# 12 Mach. Screw 1/4	1/4	1/4 & 5/16	1/4 & 5/16
725A	7/16 & 9/16	5	3/8	1/4	3/8	# 12 Mach. Scr. 1/4 & 5/16		1/4 & 3/8	1/4 & 3/8
725B	1/2 & 9/16	5 1/2	3/8	5/16	5/16 & 3/8	5/16	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8
25	1/2 & 19/32	5 1/2	3/8	5/16	5/16			5/16	5/16
727	9/16 & 5/8	6	7/16	3/8	3/8 & 7/16	5/16 & 3/8		3/8 & 7/16	3/8 & 7/16
27	19/32 & 11/16	6 1/2	7/16	7/16			5/16 & 3/8		
27B	3/8 & 11/16	6 1/2	7/16	7/16	7/16	3/8	3/8	7/16	7/16
28	19/32 & 25/32	7	7/16	1/2			5/16 & 7/16		
729	11/8 & 3/4	7	7/16	1/2	7/16 & 1/2	3/8 & 7/16		7/16 & 1/2	7/16 & 1/2
29B	11/16 & 3/4	7	7/16	1/2	1/2	7/16		1/2	1/2
29	11/16 & 25/32	7	7/16	1/2			3/8 & 7/16		
29C	11/16 & 13/16	7	7/16	1/2		1/2	3/8		9/16
731	3/4 & 13/16	8 3/4	1/2	7/8	1/2	7/16 & 1/2		1/2 & 9/16	1/2 & 9/16
731A	3/4 & 7/8	8 3/4	1/2	7/8	1/2 & 9/16	7/16 & 9/16	1/2	1/2 & 9/16	1/2 & 9/16
31B	25/32 & 13/16	8 3/4	1/2	7/8		1/2	7/16		9/16
31	25/32 & 7/8	8 3/4	1/2	7/8	9/16	9/16	7/16 & 1/2	9/16	9/16
731B	13/16 & 7/8	8 3/4	1/2	7/8	9/16	1/2 & 9/16	1/2	9/16	9/16 & 5/8
32B	13/16 & 15/16	9 1/2	1/2	1 1/16	3/8	9/16	9/16 & 5/8	5/8	9/16
33A	7/8 & 15/16	9 1/2	1/2	1 1/16	9/16 & 5/8	9/16	1/2 & 9/16	9/16 & 5/8	5/8
733	7/8 & 1	9 1/2	1/2	1 1/16	9/16	9/16 & 5/8	1/2	9/16	5/8 & 3/4
33C	15/16 & 1	9 1/2	1/2	1 1/16	3/8	5/8	9/16	5/8	3/4
34	3/8 & 1 1/16	10 1/2	9/16	1 1/2	9/16	9/16	1/2 & 5/8	9/16 & 3/4	3/8
34A	15/16 & 1 1/16	10 1/2	9/16	1 1/2	3/8	3/8	5/8 & 3/4	5/8 & 3/4	
735	1 & 1 1/8	10 1/2	9/16	1 1/2	3/4	3/4	5/8 & 3/4	5/8 & 3/4	3/4 & 7/8
36B	1 1/16 & 1 1/8	12 1/4	5/8	2 3/16	3/4	3/4	5/8 & 3/4	3/4 & 7/8	7/8
37	1 1/16 & 1 1/4	12 1/4	5/8	2 3/16			5/8 & 3/4	3/4 & 7/8	
737	1 1/8 & 1 1/4	12 1/4	5/8	2 3/16	3/4	3/4	5/8 & 3/4	3/4 & 7/8	7/8
37A	1 1/8 & 1 5/16	12 1/4	5/8	2 3/16	3/4 & 7/8	3/4 & 7/8	5/8 & 3/4	3/4 & 7/8	7/8 & 1
39B	1 1/4 & 1 5/16	13 1/2	1 1/16	2 1/2	7/8	7/8	3/4 & 7/8	7/8 & 1	1
39	1 1/4 & 1 7/16	13 1/2	1 1/16	2 1/2					
39A	1 5/16 & 1 1/2	13 1/2	1 1/16	2 1/2	7/8 & 1	7/8 & 1	3/4 & 7/8	7/8 & 1	1 & 1 1/8
39C	1 3/8 & 1 7/16	13 1/2	1 1/16	2 1/2			7/8	1	
41	1 7/16 & 1 5/8	16	3/4	4			7/8 & 1	1 & 1 1/8	
41B	1 1/2 & 1 5/8	16	3/4	4	1	1	1	1 1/8	1 1/8
42A	1 1/2 & 1 11/16	17	15/16	5	1 & 1 1/8	1 & 1 1/8			
43	1 5/8 & 1 5/16	17	15/16	5			1 & 1 1/8	1 1/8 & 1 1/4	1 1/8 & 1 1/4
44A	1 11/16 & 1 7/8	19	1 1/16	7 1/2	1 1/8 & 1 1/4	1 1/8 & 1 1/4			
45	1 13/16 & 2	19	1 1/16	7 1/2			1 1/8 & 1 1/4	1 1/4 & 1 3/8	1 1/4
45A	1 7/8 & 2 1/16	19	1 1/16	7 1/2	1 1/4 & 1 3/8	1 1/4 & 1 3/8			
47	2 & 2 3/16	21	1 1/8	10			1 1/4 & 1 3/8	1 3/8 & 1 1/2	
47B	2 1/16 & 2 1/4	21	1 1/8	10	1 3/8 & 1 1/2	1 3/8 & 1 1/2			
49	2 3/16 & 2 3/8	23	1 1/4	13			1 3/8 & 1 1/2	1 1/2	
49A	2 1/4 & 2 7/16	23	1 1/4	13	1 1/2 & 1 5/8	1 1/2 & 1 5/8			



INDUSTRIAL TOOLS

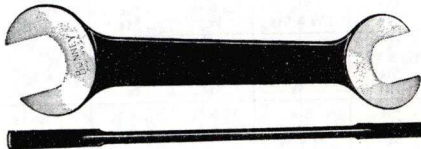
Thin Check Nut Wrenches • Carbon Steel



Finished in black enamel,
bright head

15° Angle—Single Head

No.	Opening	Length	Head Thickness	Approx. Net Wt. Lbs.	Regular Series	Heavy Series	Light Series
					Jam Nut	Jam Nut	Jam Nut
601A	7/16	4	5/32	1/12	1/4	1/4	1/4
601	1/2	4	5/32	1/12	1/4	1/4	1/16
602A	9/16	4 1/2	11/64	1/8	5/16	5/16	3/8
602	13/32	4 1/2	11/64	1/8	5/16	5/16	3/8
603A	5/8	5 1/8	3/16	1/6	3/8	3/8	7/16
603	11/16	5 1/8	3/16	1/6	3/8	3/8	1/2
604A	3/4	6	7/32	1/4	7/16	7/16	1/2
604	23/32	6	7/32	1/4	7/16	7/16	1/2
605A	13/16	6 5/8	1/4	1/3	1/2	1/2	3/4
605	7/8	6 5/8	1/4	1/3	1/2	1/2	3/4
606	15/16	7 1/2	9/32	1/2	5/8	5/8	3/4
606B	1	7 1/2	9/32	1/2	5/8	5/8	3/4
607	1 1/16	8 1/2	5/16	3/5	3/4	3/4	1
607A	1 1/8	8 1/2	5/16	3/5	3/4	3/4	1
608	1 1/4	10	3/8	1	7/8	7/8	1
608A	1 5/16	10	3/8	1	7/8	7/8	1
609	1 7/16	11 1/2	7/16	1 1/2	1	1	1 1/8
609A	1 1/2	11 1/2	7/16	1 1/2	1	1	1 1/8
610	1 5/8	13 1/4	1/2	2 1/2	1 1/8	1 1/8	1 1/8
610A	1 11/16	13 1/4	1/2	2 1/2	1 1/8	1 1/8	1 1/8



Finished in black enamel,
bright heads

15° Angle—Double Head

No.	Openings	Length	Head Thickness	Approx. Net Wt. Lbs.	Regular Series	Heavy Series	Light Series
					Jam Nut	Jam Nut	Jam Nut
623D	7/16 & 1/2	4 3/4	3/16	1/8	1/4	1/4	1/4 & 5/16
624A	7/16 & 9/16	4 3/4	3/16	1/8	1/4 & 5/16	1/4	1/4 & 3/8
624B	1/2 & 9/16	4 3/4	3/16	1/8	5/16	1/4	5/16 & 3/8
625	1/2 & 13/32	4 3/4	3/16	1/8	5/16	1/4 & 5/16	5/16
626S	9/16 & 5/8	6	7/32	1/5	5/16 & 3/8	5/16 & 3/8	3/8 & 7/16
627	13/32 & 11/16	6	7/32	1/5	5/16 & 7/16	5/16 & 3/8	7/16 & 1/2
629D	5/8 & 3/4	6	7/32	1/5	5/16 & 3/8	5/16 & 3/8	7/16 & 1/2
629	11/16 & 25/32	7 1/2	1/4	1 1/2	7/16 & 1/2	3/8 & 7/16	1/2
630B	3/4 & 13/16	7 1/2	1/4	1 1/2	7/16 & 1/2	1/2	1/2 & 9/16
630E	3/4 & 7/8	7 1/2	1/4	1 1/2	7/16 & 9/16	7/16 & 1/2	9/16
631	23/32 & 7/8	7 1/2	1/4	1 1/2	9/16	1/2	9/16
631A	13/16 & 7/8	7 1/2	1/4	1 1/2	1/2 & 9/16	1/2	9/16 & 5/8
632C	7/8 & 15/16	8 1/2	1/4	1 1/2	9/16 & 5/8	1/2 & 9/16	9/16 & 5/8
634A	7/8 & 1	8 1/2	1/4	1 1/2	9/16 & 5/8	1/2 & 9/16	9/16 & 5/8
634B	15/16 & 1 1/16	8 1/2	1/4	1 1/2	9/16 & 5/8	1/2 & 9/16	9/16 & 5/8
635D	1 & 1 1/8	10 1/2	9/32	1	5/8 & 3/4	5/8 & 3/4	3/4 & 7/8
637	1 1/16 & 1 1/4	10 1/2	9/32	1	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8
637A	1 1/8 & 1 5/16	10 1/2	9/32	1	3/4 & 7/8	3/4 & 7/8	3/4 & 7/8
639	1 1/4 & 1 7/16	12 1/2	1 1/32	2	7/8 & 1	7/8 & 1	7/8 & 1
640A	1 5/16 & 1 1/2	12 1/2	1 1/32	2	7/8 & 1	7/8 & 1	7/8 & 1

Single Head Set Screw Wrenches • Carbon Steel

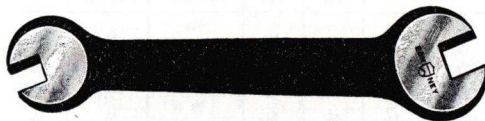


Finished in black enamel,
bright heads.

22½° Angle

No.	Opening	Length	Head Thickness	Approx. Net Wt. Lbs.	Regular Series		Heavy Series	Set Screw
					Bolt Size	Nut Size	Bolt & Nut Size	
500	⅜	3	⅜	⅓				⅜
501	¼	3½	¼	⅓				¼
502	⅝	4¼	⅝	⅓				⅝
503	⅜	5	11/32	⅓	¼			⅜
504	7/16	5¾	⅜	⅓		¼		7/16
505	½	6⅝	7/16	⅓	⅝		¼	½
506	⅝	7½	½	½	⅜	⅝		⅝
507	⅝	8½	⅝	¾	7/16	⅜		⅝
508	¾	9½	⅝	1	½	7/16		¾
509	⅞	10½	11/16	1½	⅝	⅝	½	⅞
510	1	11½	¾	2		⅝		1
511	1½	12½	13/16	2½	¾	¾		1½

Double Head Set Screw Wrenches • Carbon Steel



Finished in black enamel,
bright heads.

22½° Angle

No.	Openings	Length	Head Thickness	Approx. Net Wt. Lb.	Regular Series		Heavy Series	Set Screw
					Bolt Size	Nut Size	Bolt & Nut Size	
525	¼ & ⅝	4¼	⅝	⅓				¼ & ⅝
527	⅝ & ⅜	5	11/32	⅓	¼			⅝ & ⅜
529	⅜ & 7/16	5¾	⅜	⅓	¼	¼		⅜ & 7/16
531	7/16 & ½	6⅝	7/16	½	⅝	¼	¼	7/16 & ½
533	½ & ⅝	7½	½	¾	⅝ & ⅜	⅝	¼	½ & ⅝
535	⅝ & ⅜	8½	⅝	1	⅜ & 7/16	⅝ & ⅜		⅝ & ⅜
537	⅝ & ¾	9¾	⅝	1½	7/16 & ½	⅜ & 7/16		⅝ & ¾
539	¾ & ⅞	11	11/16	2	½ & ⅝	7/16 & ⅝	½	¾ & ⅞
541	⅞ & 1	12½	¾	2¾	⅝	⅝ & ⅜	½	⅞ & 1
543	1 & 1½	14	13/16	3½	¾	⅝ & ¾		1 & 1½



INDUSTRIAL TOOLS

Single Head Box Wrenches • Carbon Steel



Finished in black enamel,
bright heads
Square Opening

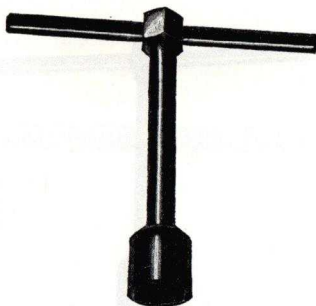
No.	Opening	Length	Head Thickness	Head Diameter	Approx. Wt. Lbs.	Regular Series		Heavy Series	Set Screw
						Bolt Size	Nut Size	Bolt & Nut Size	
580	3/16	3	1/4	1/2	1/16				3/16
581	1/4	3 3/8	5/32	5/8	1/16				1/4
582	5/16	3 3/4	5/16	1 1/16	1/8				5/16
583	3/8	4 1/4	3/8	7/8	1/4	1/4			3/8
584	1/2	4 7/8	1/2	1 1/2	1/2		1/4		1/2
585	5/8	5 1/2	5/8	1 3/4	3/4			1/4	5/8
586	3/4	6 1/4	3/4	2	1				3/4
587	7/8	7	7/8	2 1/8	1 1/2				7/8
588	1	8	1	2 1/2	2				1
589	1 1/8	9	1 1/8	3	3				1 1/8
590	1 1/2	10	1 1/2	3 1/2	4				1 1/2



Finished in black enamel,
bright heads
Hexagon Opening

No.	Opening	Length	Head Thickness	Head Dia.	Approx. Wt. Lbs.	Regular Series		Heavy Series	Light Series	Cap Screw
						Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
800	1 3/32	3 1/2	3/16	3/4	1/10			3/16		3/16
801A	7/16	4	1/4	1 1/4	15/16		1/4		1/4	1/4
801	1/2	4	1/4	1 1/2	1 1/4	5/16		1/4	5/16	5/16
802A	9/16	4 7/8	5/32	1 1/8	1 1/2	3/8	5/16		3/8	3/8
802	1 1/8	4 7/8	5/32	1 1/4	1 3/4			5/16		
803A	5/8	6	5/16	1 1/2	1 3/4	7/16	3/8		7/16	7/16
803	1 1/16	6	5/16	1 3/4	2			3/8		
804A	3/4	7	1 1/32	2	2 1/4	1/2	7/16		1/2	1/2
804	2 5/32	7	1 1/32	2 1/8	2 1/2			7/16		
805A	13/32	8	3/8	1 1/2	2 1/2	9/16	1/2		9/16	9/16
805	7/8	8	3/8	1 3/4	2 3/4			1/2		
806	1 5/16	9	7/16	1 3/4	3			9/16		
806B	1	9	7/16	1 3/4	3 1/4	3/8				3/4
807	1 1/16	10	1/2	2	4			3/8		
807A	1 1/8	10	1/2	2 1/4	4 1/4	3/4	3/4		3/4	3/4
808	1 1/4	11 1/2	9/16	2 1/2	5			3/4		
808A	1 1/2	11 1/2	1 1/8	2 3/4	5 1/4	7/8	7/8		7/8	7/8
809	1 5/8	13	1 1/4	3	6			3/8		1
809A	1 7/8	13	1 1/2	3 1/4	6 1/4					
810	2	15	1 3/4	3 1/2	7	1	1		1 1/8	1 1/8
810A	1 11/16	15	1 3/4	3 1/2	7 1/4			1		
811	1 13/16	17	1 3/4	3 3/4	8	1 1/8	1 1/8		1 1/4	1 1/4
811A	1 7/8	17	1 3/4	3 3/4	8 1/4			1 1/8		
812	2	19	2	4	9			1 1/4	1 3/8	
813	2 1/8	21	2 1/8	4 1/2	10			1 3/8	1 1/2	
813A	2 1/4	21	2 1/8	4 1/2	10 1/4	1 1/2	1 1/2			
814	2 3/8	23	2 1/2	5	11			1 1/2		
815	2 5/8	25	2 3/4	5 1/2	12			1 3/4		
815A	2 3/4	25	2 3/4	5 1/2	12 1/4	1 3/4	1 3/4			
816	2 7/8	27	3	6	13			1 3/4		
817A	3	30	3 1/2	6 1/2	14	2	2			
817	3 1/8	30	3 1/2	6 1/2	14 1/4			2		

Bonney "T" Handle Socket Wrenches • Carbon Steel



Finished in black enamel

Hexagon Openings

No.	Openings	Head Diameter	Length	Approx. Wt. Lbs.	Regular Series		Heavy Series	Light Series	Cap Screws
					Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
961A	$\frac{5}{16}$	$\frac{1}{2}$	$4\frac{1}{4}$	$\frac{1}{8}$			$\frac{1}{8}$		
962D	$\frac{3}{8}$	$\frac{5}{8}$	$4\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{4}$				$\frac{3}{16}$
963A	$1\frac{3}{32}$	$1\frac{1}{16}$	$4\frac{7}{8}$	$\frac{1}{4}$			$\frac{3}{16}$		
963D	$\frac{7}{16}$	$1\frac{1}{16}$	$4\frac{7}{8}$	$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	$\frac{1}{4}$
964A	$\frac{1}{2}$	$\frac{3}{4}$	$5\frac{1}{4}$	$\frac{3}{10}$	$\frac{5}{16}$		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$
965D	$\frac{9}{16}$	$\frac{7}{8}$	$5\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{16}$		$\frac{3}{8}$	$\frac{3}{8}$
965A	$1\frac{9}{32}$	$\frac{7}{8}$	$5\frac{3}{4}$	$\frac{1}{2}$			$\frac{5}{16}$		
966D	$\frac{5}{8}$	1	$6\frac{1}{8}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{3}{8}$		$\frac{7}{16}$	$\frac{7}{16}$
967A	$1\frac{1}{16}$	$1\frac{1}{8}$	$6\frac{1}{2}$	$\frac{5}{8}$			$\frac{3}{8}$		
967D	$\frac{3}{4}$	$1\frac{1}{8}$	$6\frac{1}{2}$	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{7}{16}$		$\frac{1}{2}$	$\frac{1}{2}$
968A	$2\frac{5}{32}$	$1\frac{1}{4}$	7	1			$\frac{7}{16}$		
968D	$1\frac{13}{16}$	$1\frac{1}{4}$	7	1		$\frac{1}{2}$			$\frac{9}{16}$
969A	$\frac{7}{8}$	$1\frac{3}{8}$	$7\frac{3}{8}$	$1\frac{1}{4}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$
970S	$1\frac{5}{16}$	$1\frac{1}{2}$	$7\frac{7}{8}$	$1\frac{5}{8}$	$\frac{5}{8}$		$\frac{9}{16}$	$\frac{5}{8}$	
970D	1	$1\frac{1}{2}$	$7\frac{7}{8}$	$1\frac{5}{8}$		$\frac{3}{8}$			$\frac{3}{4}$
971A	$1\frac{1}{16}$	$1\frac{5}{8}$	$8\frac{1}{4}$	$1\frac{7}{8}$			$\frac{3}{8}$	$\frac{3}{4}$	
971D	$1\frac{1}{8}$	$1\frac{5}{8}$	$8\frac{1}{4}$	$1\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$			$\frac{7}{8}$
973A	$1\frac{1}{4}$	$1\frac{7}{8}$	$9\frac{1}{8}$	3			$\frac{3}{4}$	$\frac{7}{8}$	
973B	$1\frac{5}{16}$	$1\frac{7}{8}$	$9\frac{1}{8}$	3	$\frac{7}{8}$	$\frac{7}{8}$			1
975A	$1\frac{7}{16}$	2	$9\frac{1}{2}$	4			$\frac{7}{8}$	1	
975D	$1\frac{1}{2}$	$2\frac{1}{8}$	10	4	1	1			$1\frac{1}{8}$
976A	$1\frac{5}{8}$	$2\frac{3}{8}$	$10\frac{3}{8}$	$4\frac{7}{10}$			1	$1\frac{1}{8}$	
976B	$1\frac{11}{16}$	$2\frac{3}{8}$	$10\frac{3}{8}$	$4\frac{7}{10}$	$1\frac{1}{8}$	$1\frac{1}{8}$			$1\frac{1}{4}$
977A	$1\frac{13}{16}$	$2\frac{5}{8}$	$10\frac{3}{8}$	$6\frac{7}{10}$			$1\frac{1}{8}$	$1\frac{1}{4}$	
978A	2	$2\frac{7}{8}$	$11\frac{3}{8}$	6 $\frac{1}{2}$			$1\frac{1}{4}$	$1\frac{3}{8}$	



INDUSTRIAL TOOLS

Bonney "T" Handle Socket Wrenches • Carbon Steel



Finished in black enamel

Square Openings

No.	Opening	Head Diameter	Extreme Length Approx.	Approx. Wt. Lbs.	Regular Series		Heavy Series	Set Screw
					Bolt Size	Nut Size	Bolt & Nut Size	
961H	3/16	1/2	4 1/4	1/8				3/16
961J	1/4	1/2	4 1/4	1/8				1/4
962H	5/16	3/8	4 1/2	3/5				5/16
963H	3/8	11/16	4 7/8	1/4	1/4			3/8
965H	7/16	7/8	5 3/4	1/2		1/4		7/16
966H	1/2	1	6 1/8	3/5	5/16		1/4	1/2
967H	9/16	1 1/8	6 1/2	5/6	3/8	5/16		9/16
968H	5/8	1 1/4	7	1	7/16	3/8		5/8
968P	11/16	1 1/4	7	1			3/8	
969H	3/4	1 3/8	7 3/8	1 1/4	1/2	7/16		3/4
971H	7/8	1 3/8	8 1/4	1 3/8	9/16	9/16	1/2	7/8
973H	1	1 7/8	9 1/8	3		5/8		1
974H	1 1/8	2	9 1/2	3 1/2	3/4	3/4		1 1/8
976H	1 1/4	2 3/8	10 3/8	4 7/10			3/4	1 1/4
977X	1 7/16	2 5/8	10 7/8	6 7/10			7/8	
977P	1 1/2	2 5/8	10 7/8	6 7/10	1	1		

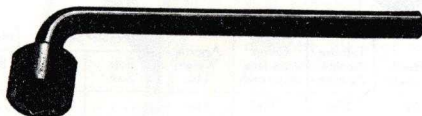
INDUSTRIAL TOOLS



Bonney Offset Handle Socket Wrenches • Carbon Steel

Finished in black enamel

Hexagon Openings

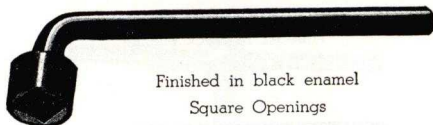


No.	Opening	Head Diameter	Extreme Approx. Length	Handle Offset from face of wrench	Approx. Weight Lbs.	Regular Series		Heavy Series	Light Series	Cap Screw
						Bolt Size	Nut Size	Bolt & Nut Size	Nut Size	
261A	5/16	1/2	3 3/8	1 3/16	3/20			1/8		
262D	3/8	5/8	3 3/8	1	3/8	1/4				3/16
263A	1 3/32	1 1/16	4 5/16	1 1/16	3/8			3/16		
263D	7/16	1 1/16	4 5/16	1 1/16	3/8		1/4		1/4	1/4
264A	1/2	3/4	5 1/8	1 1/4	3/8	5/16		1/4	5/16	5/16
265D	9/16	7/8	5 7/8	1 7/16	1/2	3/8	5/16		3/8	3/8
265A	1 9/32	7/8	5 7/8	1 7/16	1/2			5/16		
266D	5/8	1	6 1/4	1 9/16	2 1/2	7/16	3/8		7/16	7/16
267A	1 1/16	1 1/8	6 3/4	1 5/8	5/8			3/8		
267D	3/4	1 1/8	6 3/4	1 5/8	5/8	1/2	7/16		1/2	1/2
268A	2 5/32	1 1/4	7 1/2	1 13/16	3/4			7/16		
268D	1 3/16	1 1/4	7 1/2	1 13/16	3/4		1/2			9/16
269A	7/8	1 3/8	8 3/8	2	1	9/16	9/16	1/2	9/16	5/8
270S	1 5/16	1 1/2	9 1/8	2 3/16	1 1/2	5/8		9/16	5/8	
270D	1	1 1/2	9 1/8	2 3/16	1 1/2		5/8			3/4
271A	1 1/16	1 5/8	10	2 3/8	1 5/8			5/8	3/4	
271D	1 1/8	1 5/8	10	2 3/8	1 5/8	3/4	3/4			7/8
273A	1 1/4	1 7/8	11 5/8	2 3/4	2 7/10			3/4	7/8	
273B	1 5/16	1 7/8	11 5/8	2 3/4	2 7/10	7/8	7/8			1
275A	1 7/16	2 1/8	13 1/4	3 1/8	3 9/10			7/8	1	
275D	1 1/2	2 1/8	13 1/4	3 1/8	3 9/10	1	1			1 1/8
276A	1 5/8	2 3/8	14 7/8	3 1/2	4 1/2			1	1 1/8	
276B	1 11/16	2 3/8	14 7/8	3 1/2	4 1/2	1 1/8	1 1/8			1 1/4
277A	1 13/16	2 5/8	16 1/2	3 7/8	6 1/10			1 1/8	1 1/4	
278A	2	2 7/8	18 1/4	4 3/8	8 1/2			1 1/4	1 3/8	



INDUSTRIAL TOOLS

Bonney Offset Handle Socket Wrenches • Carbon Steel



Finished in black enamel

Square Openings

No.	Opening	Head Diameter	Extreme Length Approx.	Handle Offset from face of wrench	Approx. Weight Lbs.	Regular Series		Heavy Series Bolt & Nut Size	Set Screw
						Bolt Size	Nut Size		
261J	1/4	1/2	3 3/8	1 3/16	3/20	.....	.....	.....	1/4
262H	5/16	3/8	3 3/8	1	3/8	.....	.....	.....	5/16
263H	3/8	1 1/16	4 5/16	1 1/16	3/8	1/4	.....	.....	3/8
265H	7/16	7/8	5 3/8	1 7/16	3/4	.....	1/4	.....	7/16
266H	1/2	1	6 1/4	1 9/16	3/4	5/16	.....	1/4	1/2
267H	9/16	1 1/8	6 3/4	1 3/8	3/8	3/8	5/16	.....	9/16
268H	5/8	1 1/4	7 1/2	1 13/16	3/4	7/16	3/8	.....	5/8
268P	1 1/16	1 1/4	7 1/2	1 13/16	3/4	.....	3/8	.....	.....
269H	3/4	1 3/8	8 3/8	2	1	1/2	7/16	.....	3/4
271H	7/8	1 3/8	10	2 3/8	1 3/8	9/16	9/16	1/2	7/8
273H	1	1 7/8	11 5/8	2 3/4	2 1/10	.....	3/4	.....	1
274H	1 1/8	2	12 3/8	2 7/8	3 3/8	3/4	3/4	.....	1 1/8
276H	1 1/4	2 3/8	14 7/8	3 1/2	4 3/4	.....	.....	3/4	1 1/4

Pin Spanners • Carbon Steel

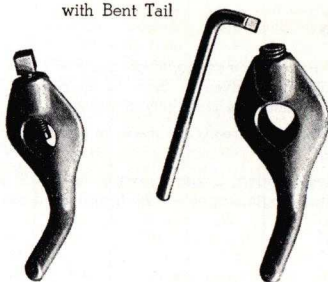


Pins are forged integral with wrench. Wrenches are hardened all over, surfaces are smoothed and pins milled. Finished in black enamel.

No.	For Circle, Diameter	Extreme Length Approx.	Finished Diameter Pin	Approx. Weight Lbs.
452	1	4	3/16	1/10
453	1 1/4	4 1/2	13/64	1/10
454	1 1/2	5	7/32	1/4
455	1 3/4	5 1/2	13/64	1/6
456	2	6	1/4	1/5
457	2 1/4	6 1/2	17/64	1/4
458	2 1/2	7	9/32	3/10
459	2 3/4	7 1/2	19/64	1/2
460	3	8	5/16	1/2
461	3 1/4	8 1/2	11/64	3/5
462	3 1/2	9	23/32	2 3/5
463	3 3/4	9 1/2	23/64	2 3/5
464	4	10	3/8	3/4
466	5	12	7/16	1 1/2
468	6	14	1/2	1 9/10

Bonney Drop-Forged Lathe Dogs

with Bent Tail



Bonney Drop-Forged Lathe Dogs are supplied in two styles—with safety screw or with square head screw. All screws are threaded U. S. Standard, except those above 1 inch diameter which have eight threads to the inch. Screws are of special steel, hardened and tempered.

By drilling and tapping for the different diameters, the Dogs may be furnished with either Safety or Square Head Screws, but the two types of Screws are not interchangeable and the safety feature is eliminated if the Square Head Screw is used. Unless otherwise specified, Dogs with Safety Screws will be supplied.

No.	Capacity	Square Head Screws		Safety Screws		Approx. Weight Pounds
		Size		Size		
		Diameter	Length under Head	Diameter	Extreme Length	
1	$\frac{3}{8}$	$\frac{7}{16}$	1	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{3}{8}$
2	$\frac{1}{2}$	$\frac{9}{16}$	$1\frac{1}{4}$	$\frac{9}{16}$	$1\frac{1}{8}$	$\frac{1}{2}$
3	$\frac{3}{4}$	$\frac{5}{8}$	$1\frac{3}{8}$	$\frac{5}{8}$	$1\frac{1}{16}$	1
4	1	$\frac{5}{8}$	2	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
5	$1\frac{1}{4}$	$\frac{3}{4}$	$2\frac{1}{4}$	$\frac{3}{4}$	$1\frac{3}{8}$	$1\frac{7}{8}$
6	$1\frac{1}{2}$	$\frac{7}{8}$	$2\frac{7}{8}$	$\frac{7}{8}$	$1\frac{11}{16}$	$2\frac{3}{8}$
7	$1\frac{3}{4}$	$\frac{7}{8}$	$2\frac{7}{8}$	$\frac{7}{8}$	$1\frac{11}{16}$	$3\frac{3}{8}$
8	2	1	$2\frac{3}{4}$	1	$1\frac{7}{8}$	4
9	$2\frac{1}{2}$	$1\frac{1}{8}$	3	$1\frac{1}{8}$	2	$5\frac{1}{2}$
10	3	$1\frac{1}{4}$	$3\frac{1}{4}$	$1\frac{1}{4}$	$2\frac{1}{8}$	7
11	$3\frac{1}{2}$	$1\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{3}{8}$	$2\frac{1}{2}$	10
12	4	$1\frac{1}{2}$	$3\frac{3}{4}$	$1\frac{1}{2}$	$2\frac{5}{8}$	12
13	5	$1\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{5}{8}$	$3\frac{3}{8}$	20



Bonney "C" Clamps • Body Builders' Type

Bonney Body Builders "C" Clamps are designed especially for wood-workers, body-builders and similar trades where the clearance provided by a deep throat is necessary. Drop-forged from special steel, heat-treated for maximum strength, they combine a deep throat of ample size with dependable strength at minimum weight.

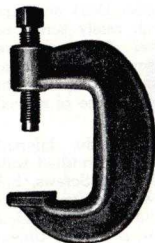
Screws are drop-forged in one-piece, with no handle or wings to loosen. The handle provides a firm, solid lever. They are threaded specially for strength and rapid adjustment. Swivels are provided on all sizes.

No.	Capacity—Inches		Depth of Throat from Center of Screw	Extreme Dimensions of Body		Screw		Approx. Weight Each Lbs.
	Maximum	Minimum		Length	Width	Diameter	Length Overall	
402	2	0	2	$4\frac{7}{8}$	$3\frac{3}{4}$	$\frac{1}{2}$	$4\frac{3}{4}$	$1\frac{1}{8}$
403	3	0	$2\frac{3}{8}$	$6\frac{1}{8}$	$4\frac{1}{8}$	$\frac{1}{2}$	6	$1\frac{1}{2}$
404	4	0	$2\frac{3}{4}$	$7\frac{5}{8}$	$4\frac{3}{4}$	$\frac{5}{8}$	$8\frac{1}{8}$	$2\frac{1}{4}$
406	6	0	$3\frac{3}{8}$	$10\frac{1}{4}$	6	$\frac{5}{8}$	$10\frac{1}{4}$	$3\frac{3}{4}$
408	8	2	$4\frac{1}{2}$	$12\frac{3}{4}$	7	$\frac{3}{4}$	$10\frac{3}{8}$	$5\frac{1}{8}$
410	10	3	$5\frac{3}{8}$	$15\frac{1}{4}$	$8\frac{1}{8}$	$\frac{3}{4}$	$11\frac{3}{4}$	$8\frac{1}{4}$
412	12	4	$5\frac{3}{4}$	18	$9\frac{3}{8}$	$\frac{7}{8}$	13	$12\frac{1}{2}$



INDUSTRIAL TOOLS

Bonney "C" Clamps



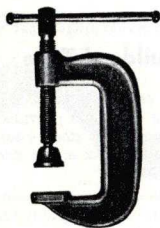
Heavy Duty Type

These clamps are drop-forged from a strong, tough grade of selected steel. Special heat-treatment is given to them to increase their stiffness and strength and reduce the possibility of springing.

The screws, with U.S. Standard thread, are made of special steel, hardened and tempered.

Unless otherwise specified Standard length screws as listed will be furnished. If required, full length screws will be furnished at extra cost.

No.	Maximum Capacity	Minimum Capacity with Std. Screw	Depth of Throat from Center of Screw	Standard Screw		Approx. Weight Pounds
				Diameter	Length under Head	
0	3/4	0	3/4	5/16	1 1/2	1/4
1	1 1/4	0	1 1/8	3/8	2 1/4	3/4
1 1/2	1 3/4	1 1/16	1 1/2	1/2	2 1/4	1 1/2
2	2 1/4	7/8	1 3/4	5/8	2 3/8	3
3	3 1/4	1 5/16	2 3/8	3/4	3 3/4	6 1/2
4	4 1/2	2	2 3/4	7/8	4 1/2	9 3/4
5	5 1/2	2 1/2	3 1/8	7/8	5 3/8	12 1/4
6	6 1/2	3 1/16	3 3/8	1	5 7/8	16 1/2
8	8 1/2	4 1/4	3 3/4	1 1/8	7	24
10	10 1/2	6 3/8	4 1/8	1 1/8	7	28
12	12 1/2	7 7/8	4 1/2	1 1/4	8	40



Medium Service Type

The Medium Service Clamps are designed to provide the service as indicated by the name—between Light Service and Heavy Duty. They are drop-forged from a special grade of strong, tough steel and are heat-treated.

The screws are made of special steel, hardened and tempered. They have U.S. Standard Thread and Adjustable handle. Swivels are drop-forged.

No.	Maximum Capacity	Minimum Capacity	Depth of Throat from Center of Screw	Screw		Size Handle		Approx. Weight each Pounds
				Diameter	Length with Swivel	Diameter	Length	
103	3	0	2	5/8	5 5/8	5/16	5 1/2	2 1/2
104	4	0	2 3/8	3/4	6 7/8	3/8	7	4 1/4
106	6	2	2 1/2	3/4	6 7/8	3/8	7	5 1/2
108	8	4	2 5/8	3/4	6 7/8	3/8	7	7
110	10	6	2 3/4	3/4	6 7/8	3/8	7	7 1/2
112	12	8	2 7/8	3/4	6 7/8	3/8	7	9 1/4
115	15	10	3 1/16	7/8	8 1/8	7/16	8	13 1/2
118	18	13	3 1/4	7/8	8 1/8	7/16	8	17

Chart of Wrench and Socket Openings and Sizes of Bolts and Nuts they fit

Wrench Opening	American Standard Reg. Bolts	American Standard Reg. Nuts; Size Bolts	Amer. Std. Heavy Nuts (U.S.S.); Size Bolts	Amer. Std. Light Nuts (S.A.E.); Jam Nuts, Castle Nuts and Slotted Nuts; Size Bolts	Cap Screws	Set Screws	Machine Screw Nuts and Stove Bolt Nuts	Wrench Opening
$\frac{5}{32}$							No. 0 & No. 1	$\frac{5}{32}$
$\frac{3}{16}$							No. 2 & No. 3	$\frac{3}{16}$
$\frac{1}{4}$						$\frac{1}{4}$	No. 4	$\frac{1}{4}$
$\frac{5}{16}$						$\frac{5}{16}$	No. 5 & No. 6	$\frac{5}{16}$
$\frac{11}{32}$							No. 8	$\frac{11}{32}$
$\frac{3}{8}$	$\frac{1}{4}$					$\frac{3}{8}$	No. 10	$\frac{3}{8}$
$\frac{7}{16}$		$\frac{1}{4}$		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	No. 12 & No. 14	$\frac{7}{16}$
$\frac{1}{2}$	$\frac{5}{16}$		$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{2}$		$\frac{1}{2}$
$\frac{9}{16}$	$\frac{3}{8}$	$\frac{5}{16}$		$\frac{3}{8}$	$\frac{3}{8}$	$\frac{9}{16}$	$\frac{5}{16}$	$\frac{9}{16}$
$\frac{19}{32}$			$\frac{5}{16}$					$\frac{19}{32}$
$\frac{5}{8}$	$\frac{7}{16}$	$\frac{3}{8}$		$\frac{7}{16}$	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{5}{8}$
$\frac{11}{16}$			$\frac{3}{8}$					$\frac{11}{16}$
$\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$		$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$		$\frac{3}{4}$
$\frac{25}{32}$			$\frac{7}{16}$					$\frac{25}{32}$
$\frac{13}{16}$		$\frac{1}{2}$			$\frac{9}{16}$			$\frac{13}{16}$
$\frac{7}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{7}{8}$	$\frac{7}{8}$		$\frac{7}{8}$
$\frac{15}{16}$	$\frac{5}{8}$		$\frac{9}{16}$	$\frac{5}{8}$				$\frac{15}{16}$
1		$\frac{5}{8}$			$\frac{3}{4}$	1		1
$\frac{11}{16}$			$\frac{5}{8}$	$\frac{3}{4}$				$\frac{11}{16}$
$\frac{11}{8}$	$\frac{3}{4}$	$\frac{3}{4}$			$\frac{7}{8}$	$\frac{11}{8}$		$\frac{11}{8}$
$\frac{11}{4}$			$\frac{3}{4}$	$\frac{7}{8}$		$\frac{11}{4}$		$\frac{11}{4}$
$\frac{15}{16}$	$\frac{7}{8}$	$\frac{7}{8}$			1			$\frac{15}{16}$
$\frac{13}{8}$						$\frac{13}{8}$		$\frac{13}{8}$
$\frac{17}{16}$			$\frac{7}{8}$	1				$\frac{17}{16}$
$\frac{17}{8}$	1	1			$\frac{17}{8}$	$\frac{17}{8}$		$\frac{17}{8}$
$\frac{17}{4}$			1	$\frac{17}{4}$				$\frac{17}{4}$
$\frac{111}{16}$	$\frac{17}{16}$	$\frac{17}{16}$			$\frac{111}{16}$			$\frac{111}{16}$
$\frac{113}{16}$			$\frac{17}{16}$	$\frac{17}{16}$				$\frac{113}{16}$
$\frac{17}{8}$	$\frac{17}{16}$	$\frac{17}{16}$						$\frac{17}{8}$
2			$\frac{17}{8}$	$\frac{17}{8}$				2
$\frac{21}{16}$	$\frac{17}{8}$	$\frac{17}{8}$						$\frac{21}{16}$
$\frac{23}{16}$			$\frac{17}{8}$	$\frac{17}{8}$				$\frac{23}{16}$
$\frac{21}{8}$	$\frac{17}{16}$	$\frac{17}{16}$						$\frac{21}{8}$
$\frac{23}{8}$	$\frac{17}{16}$	$\frac{17}{16}$						$\frac{23}{8}$
$\frac{27}{16}$	$\frac{17}{8}$	$\frac{17}{8}$						$\frac{27}{16}$
$\frac{29}{16}$			$\frac{17}{8}$					$\frac{29}{16}$
$\frac{27}{8}$	$\frac{17}{8}$	$\frac{17}{8}$						$\frac{27}{8}$
$\frac{29}{8}$			$\frac{17}{8}$					$\frac{29}{8}$
$\frac{213}{16}$	$\frac{17}{8}$	$\frac{17}{8}$						$\frac{213}{16}$
$\frac{215}{16}$			$\frac{17}{8}$					$\frac{215}{16}$
3	2	2						3
$\frac{31}{8}$			2					$\frac{31}{8}$
$\frac{33}{8}$	$\frac{21}{4}$	$\frac{21}{4}$						
$\frac{35}{8}$			$\frac{21}{4}$					
$\frac{37}{8}$	$\frac{21}{4}$	$\frac{21}{4}$						
$\frac{39}{8}$			$\frac{21}{4}$					
$\frac{41}{8}$	$\frac{21}{4}$	$\frac{21}{4}$						
$\frac{43}{8}$			$\frac{21}{4}$					
$\frac{45}{8}$	3	3						
$\frac{47}{8}$			3					
5			$\frac{31}{4}$					
$\frac{53}{8}$			$\frac{31}{4}$					
$\frac{55}{8}$			$\frac{31}{4}$					
$\frac{57}{8}$			4					

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